

FIG. 1

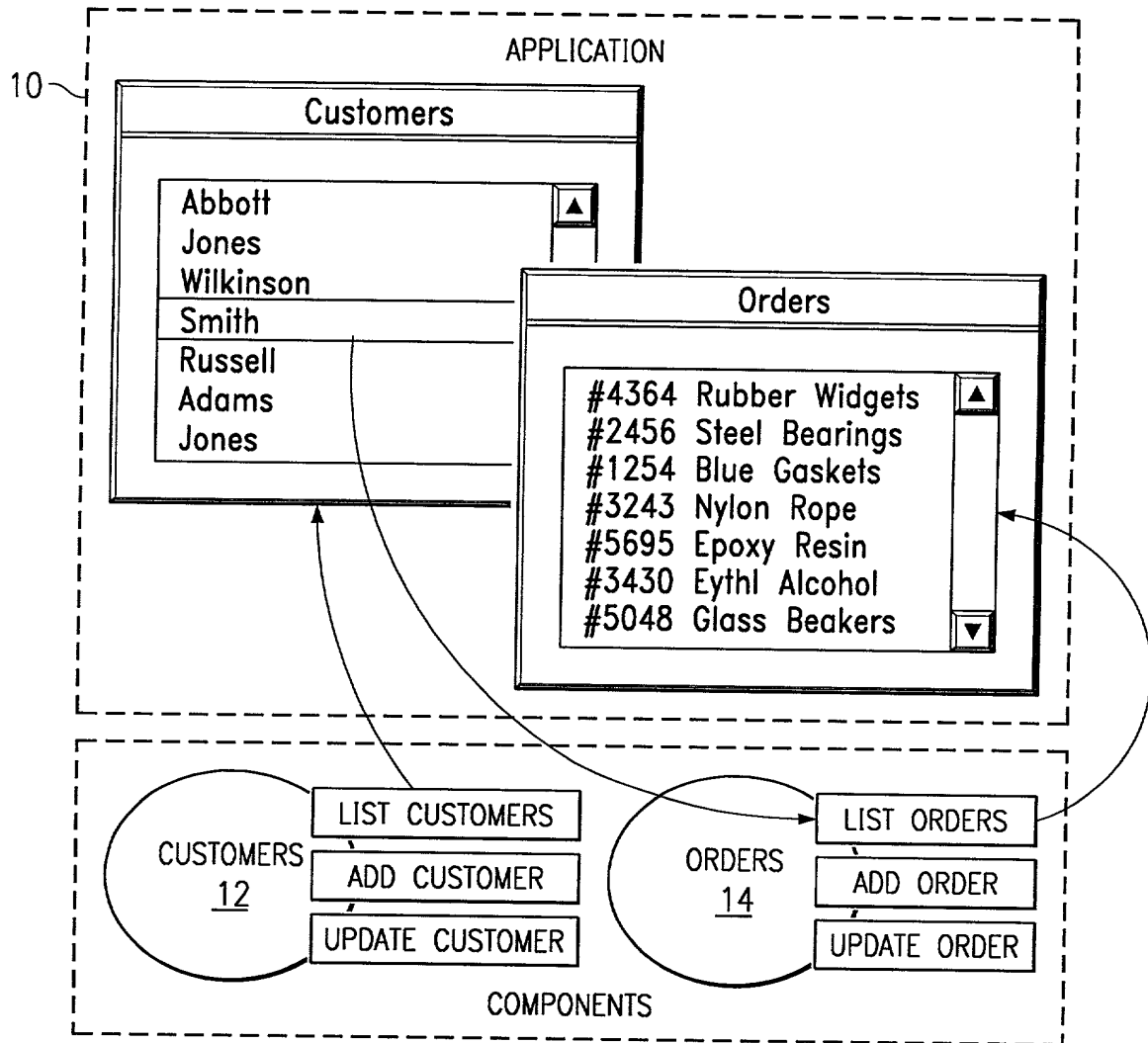


FIG. 2

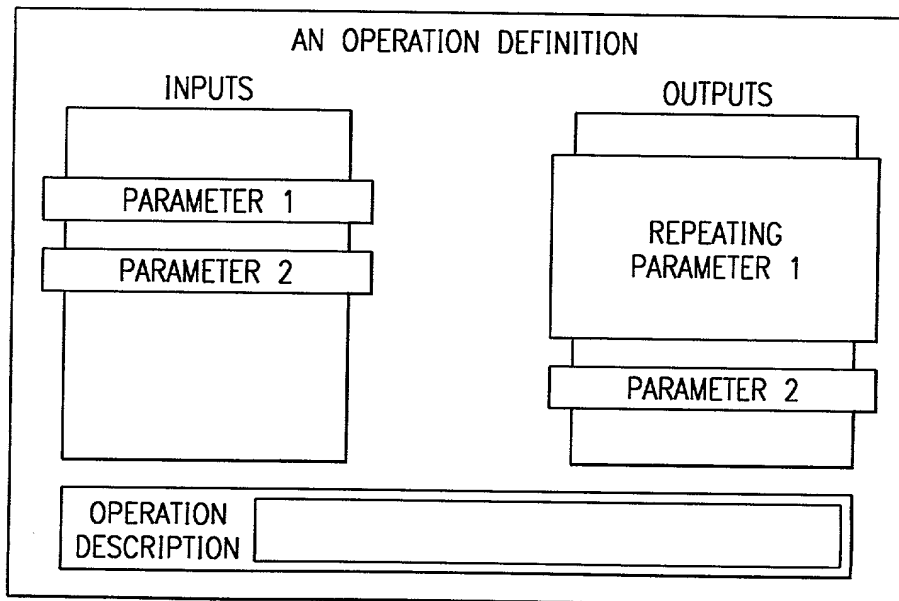


FIG. 3

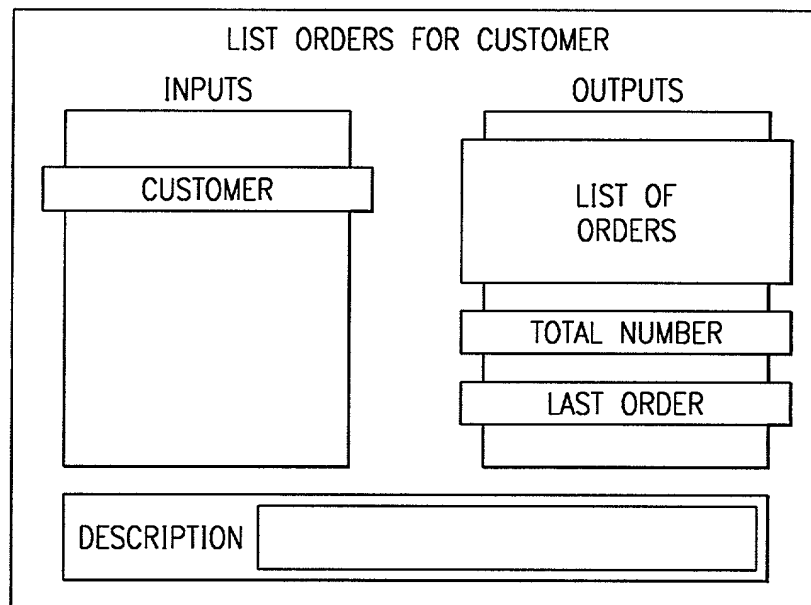
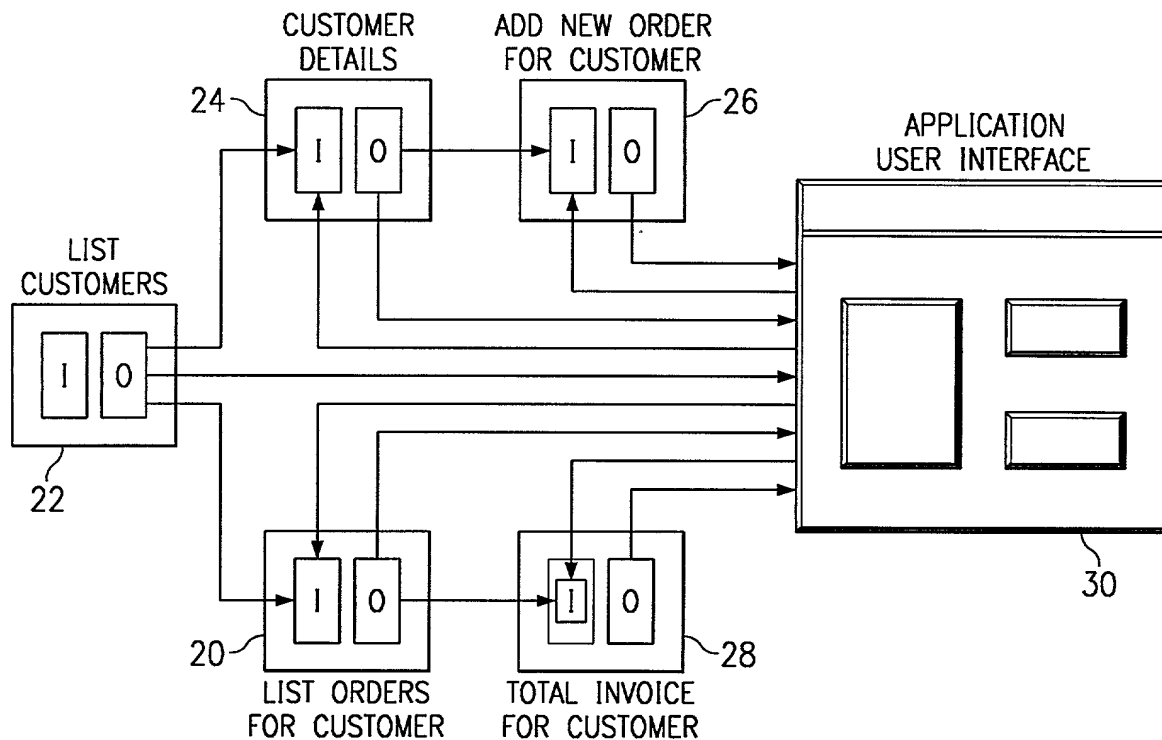


FIG. 5



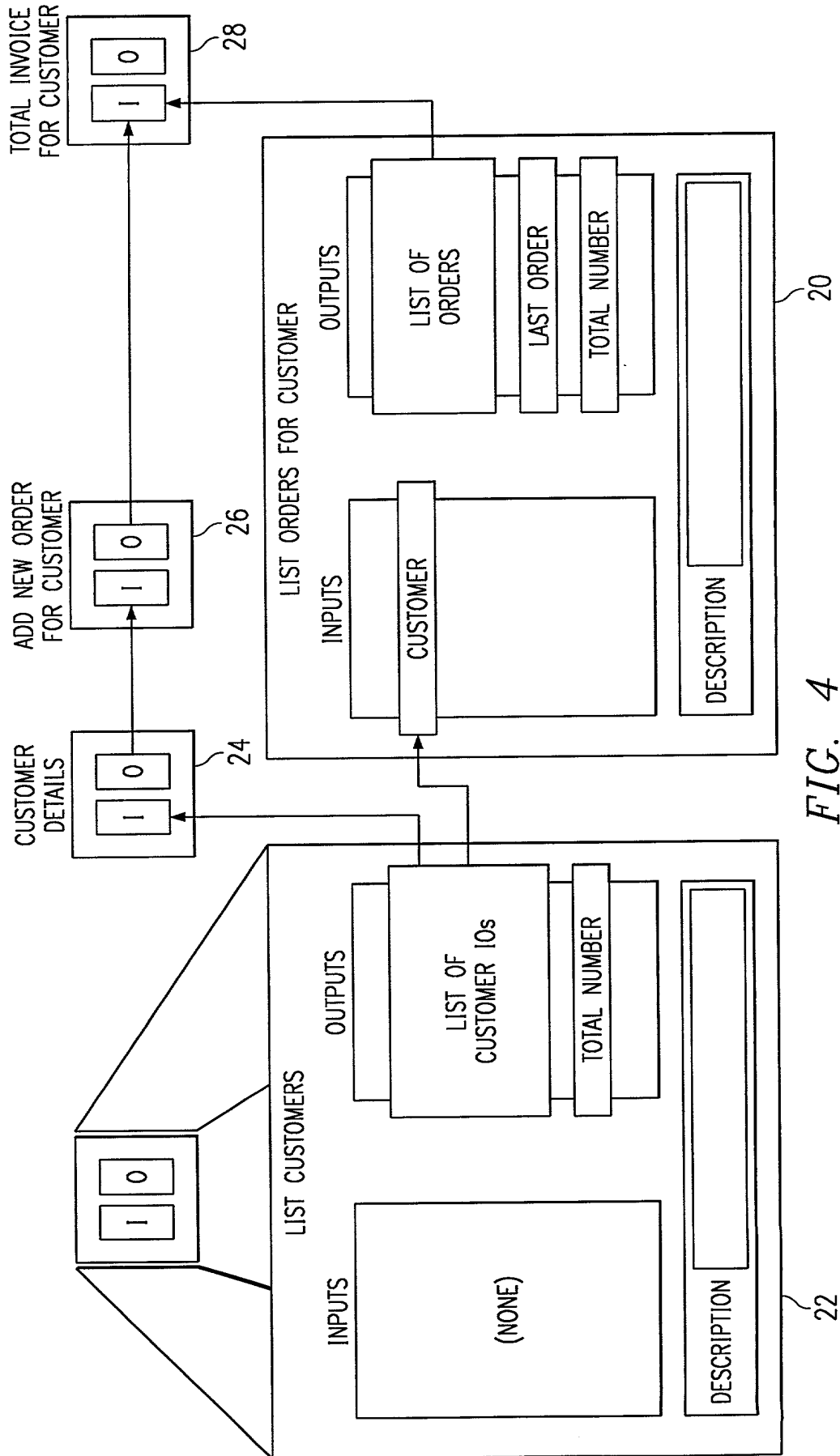
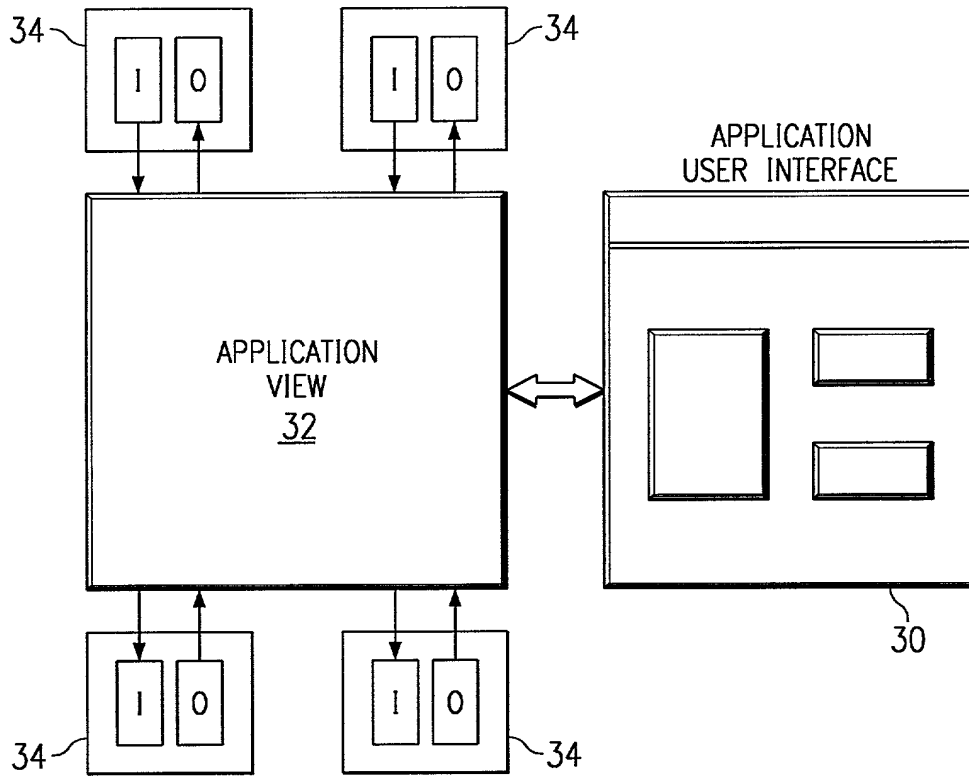


FIG. 6



40 *FIG. 7A*

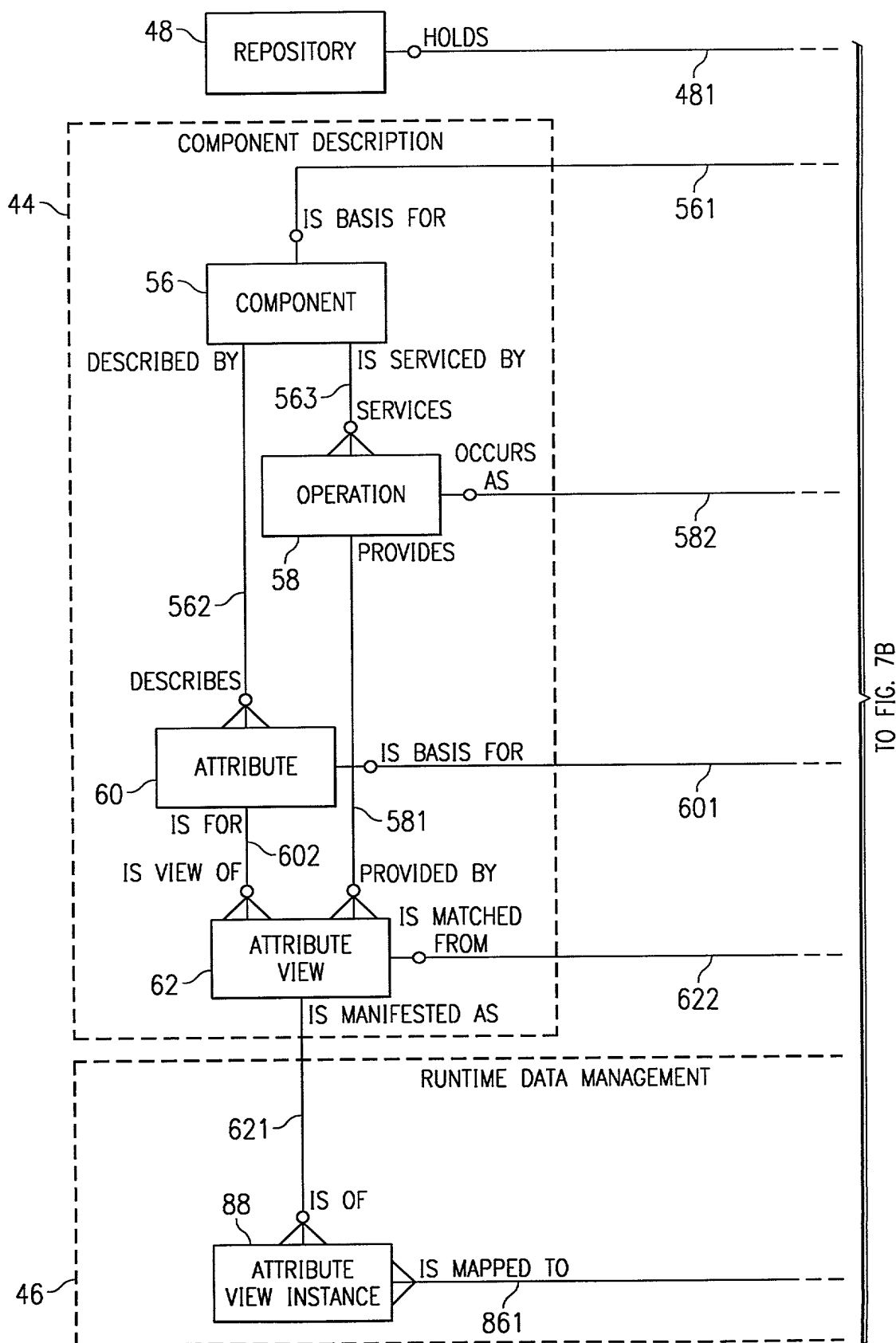


FIG. 7B

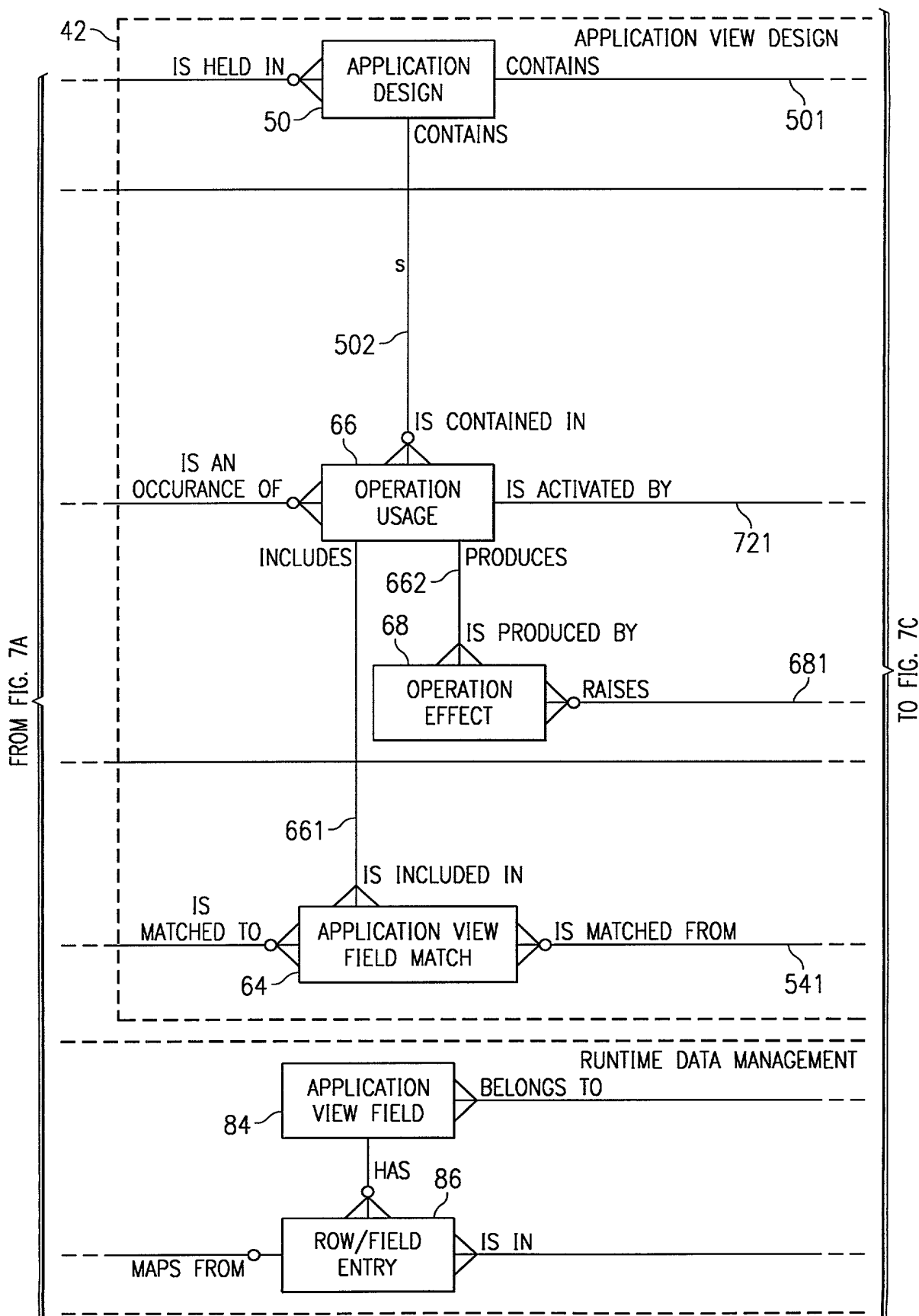


FIG. 7C

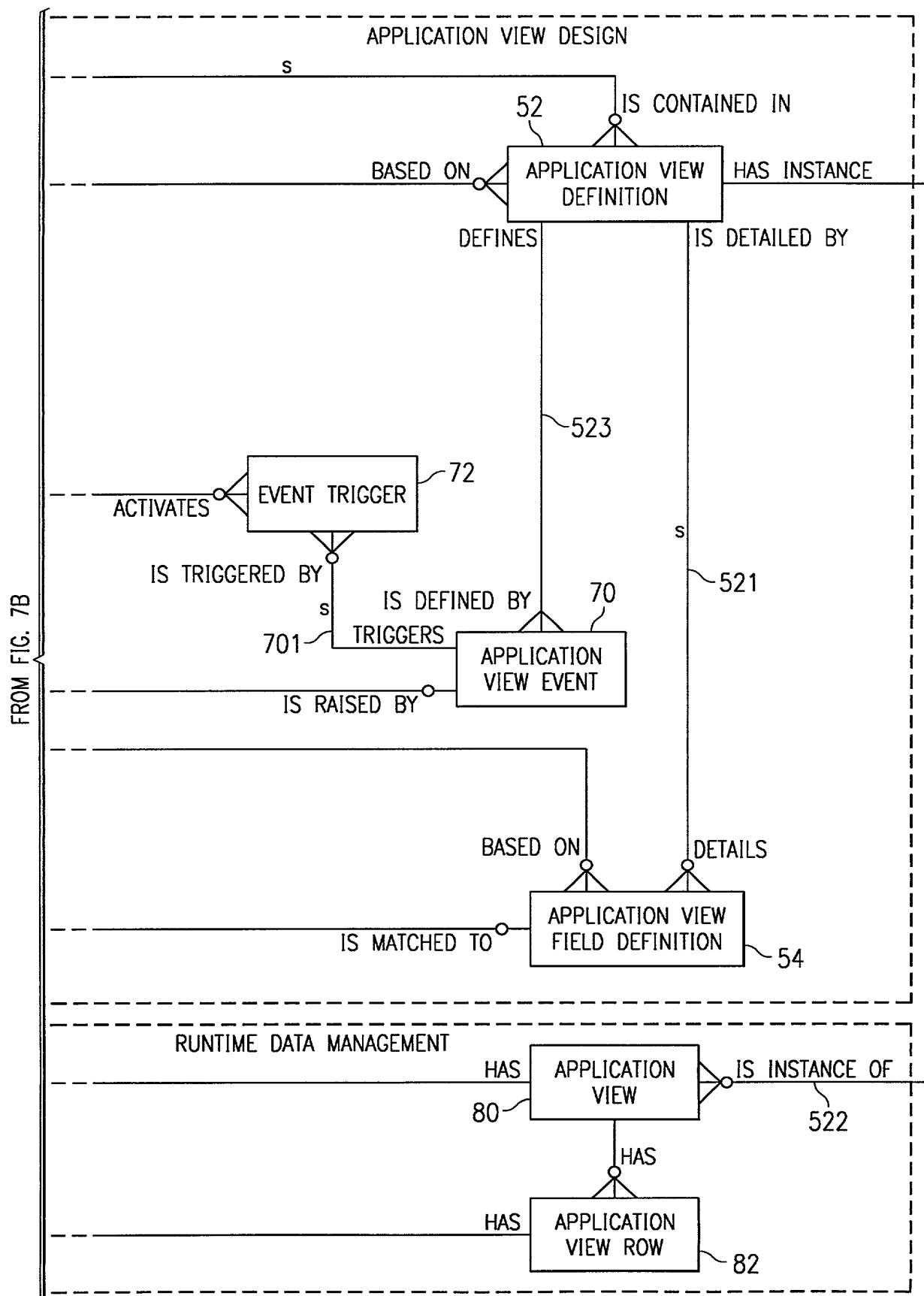




FIG. 9

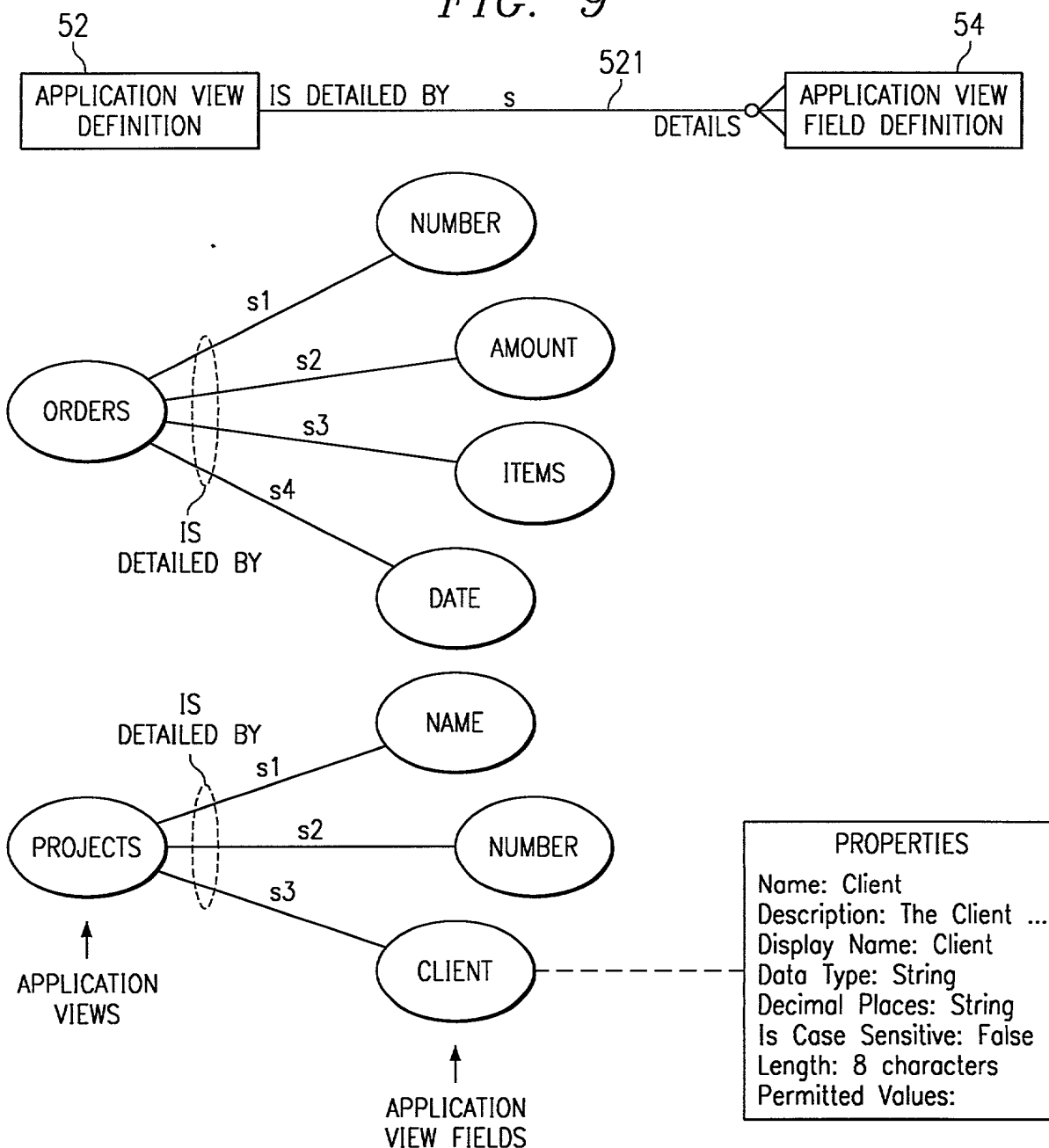
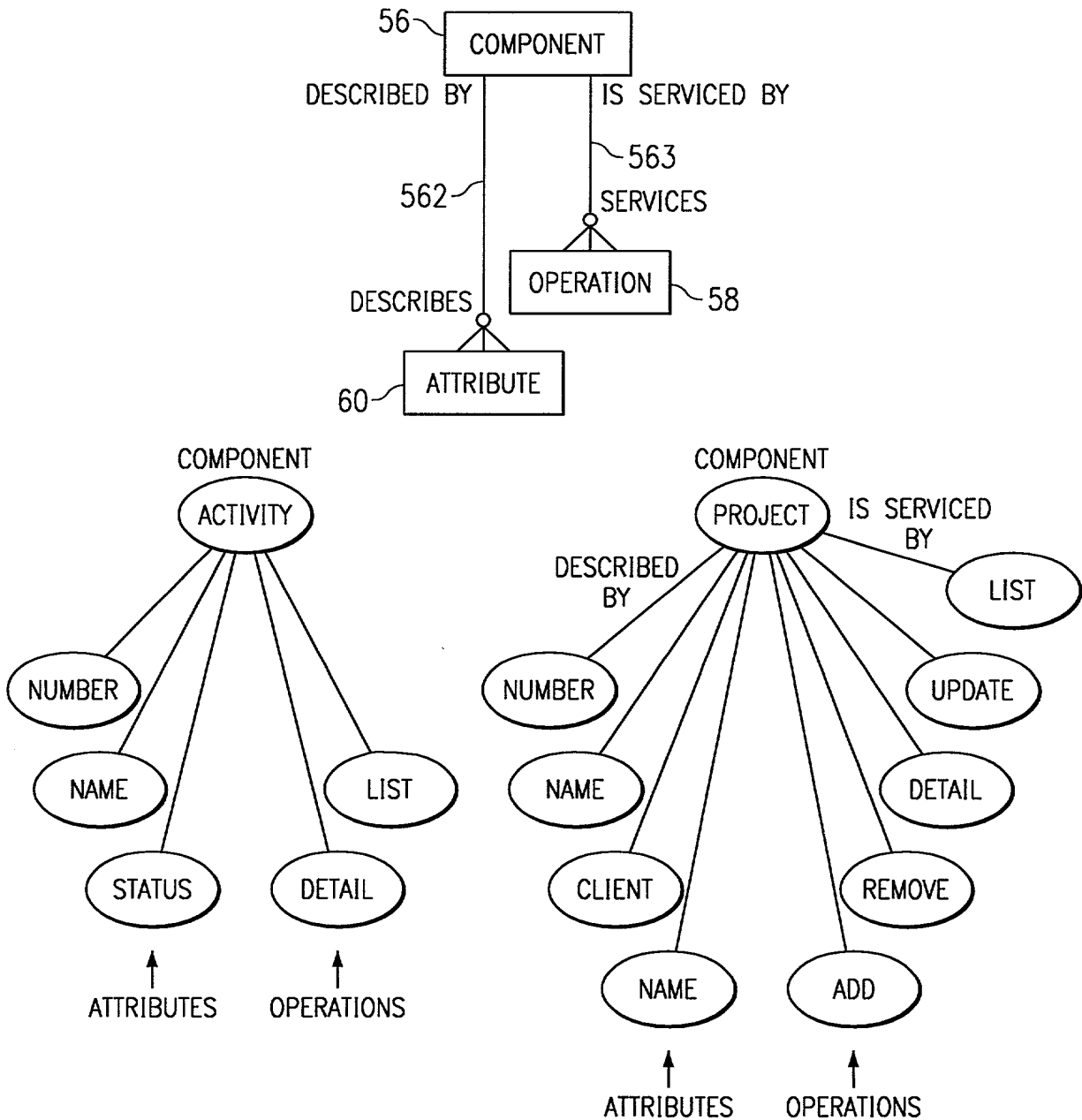
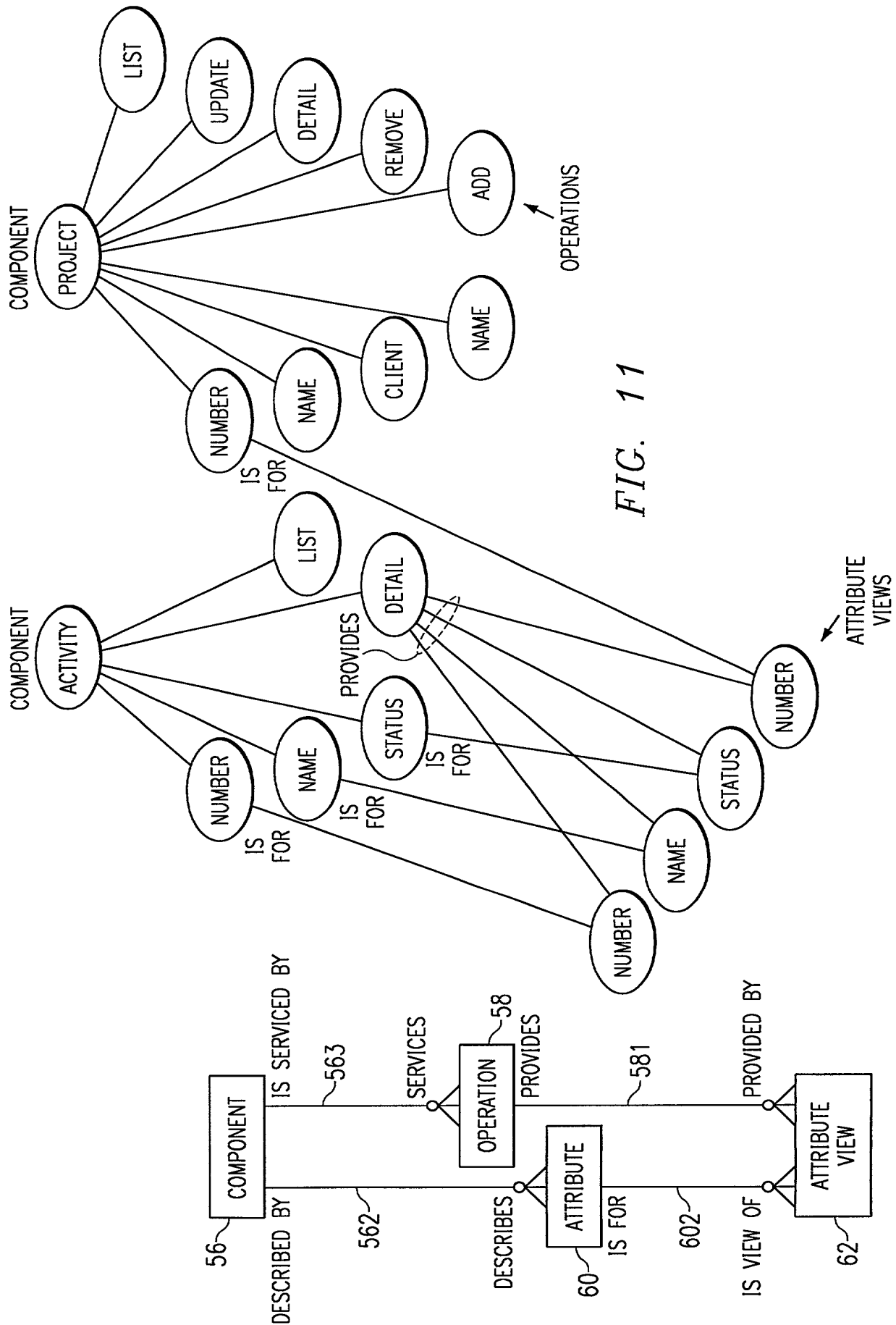


FIG. 10





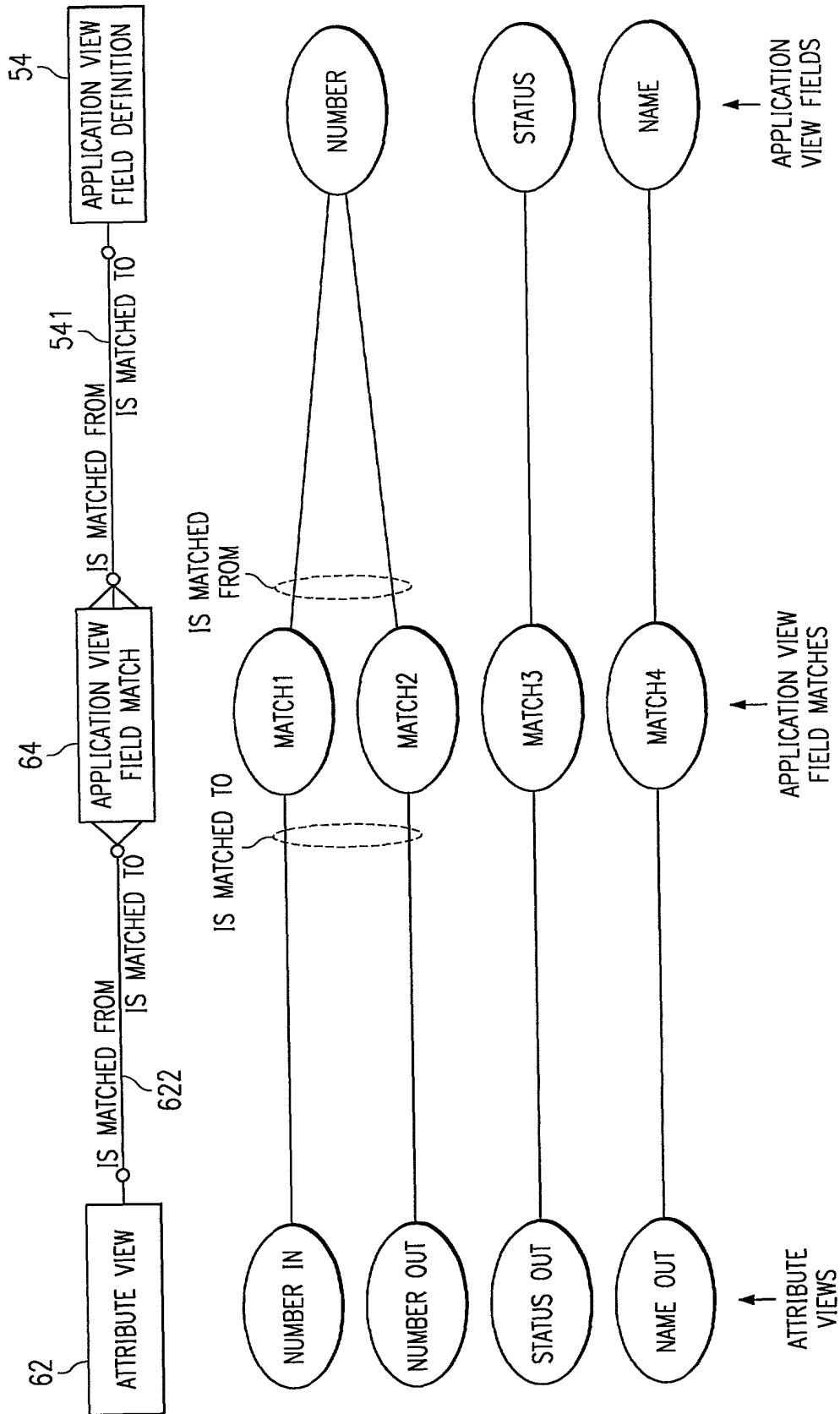


FIG. 12

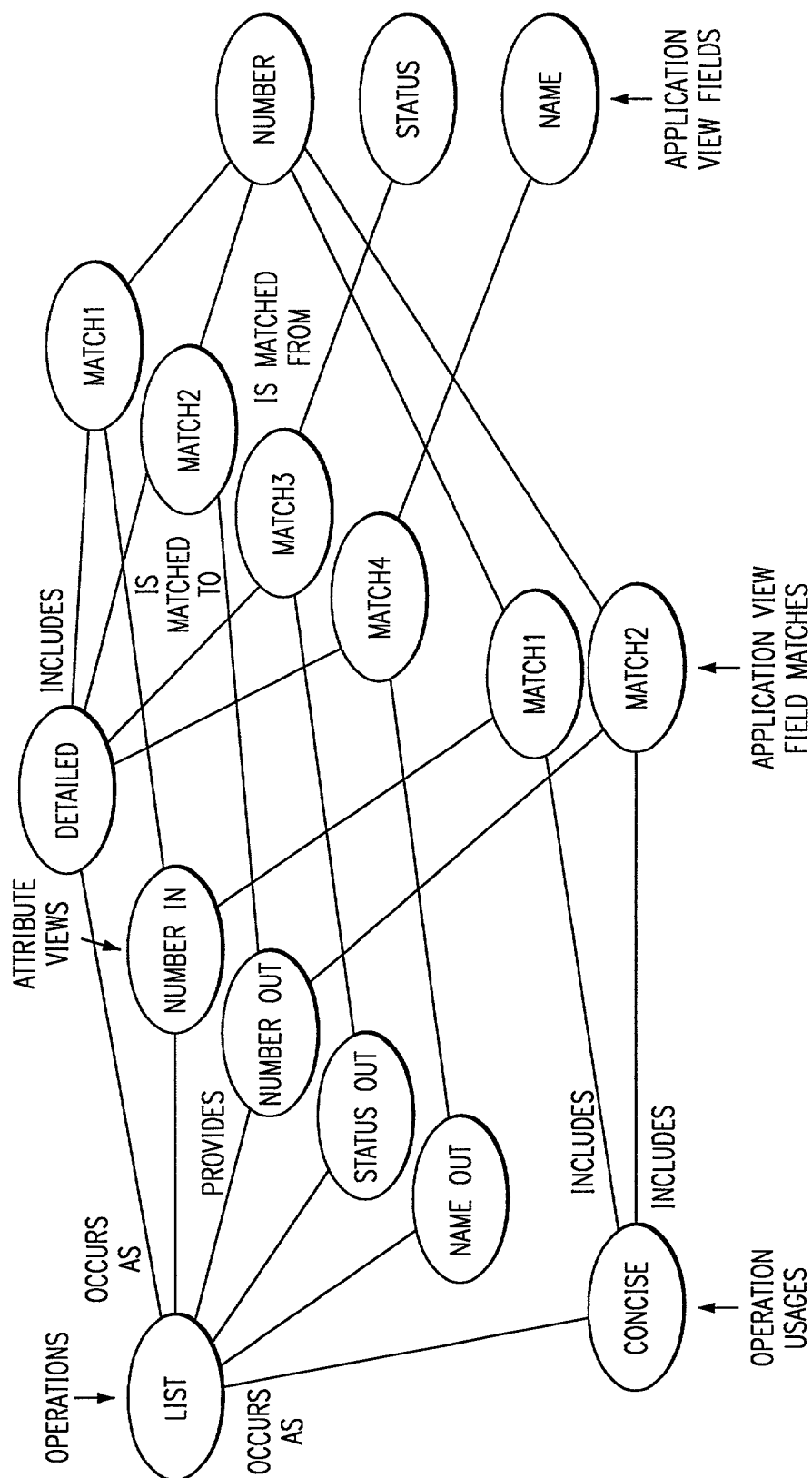
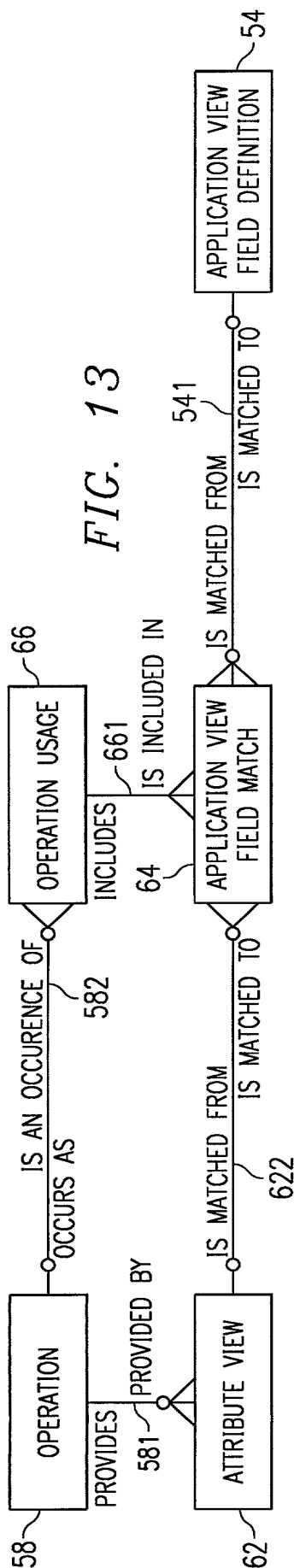


FIG. 14A

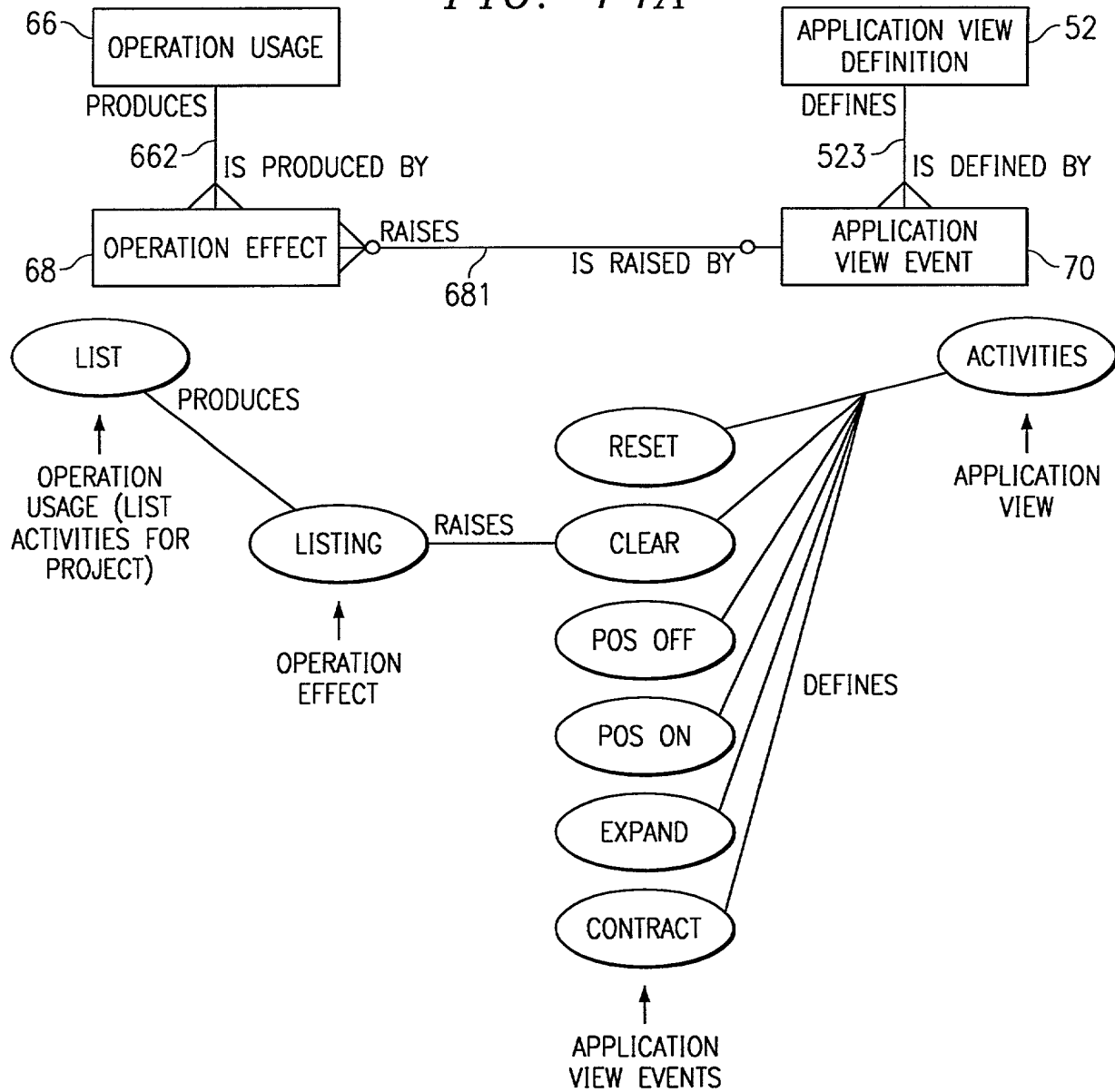


FIG. 14B

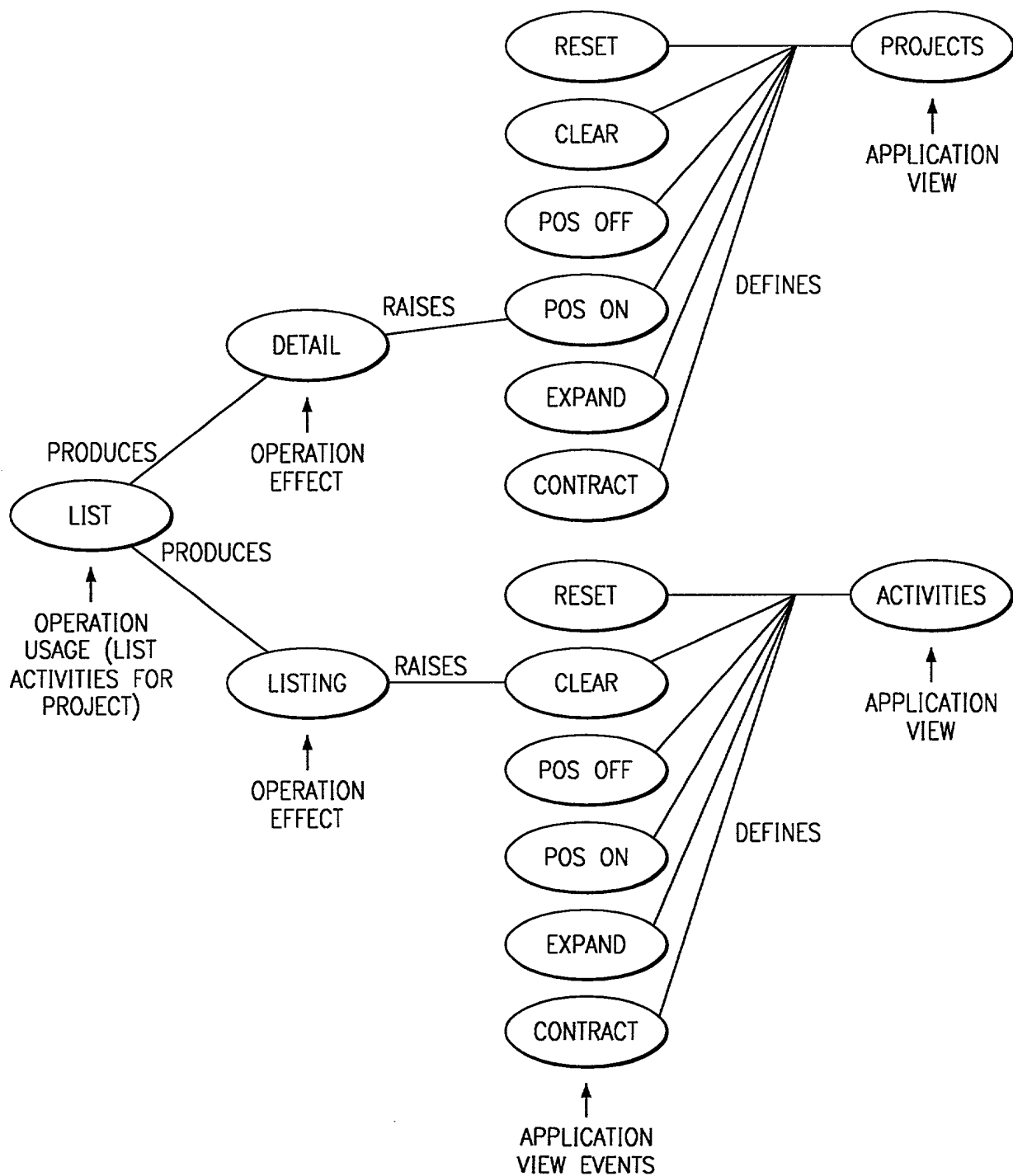
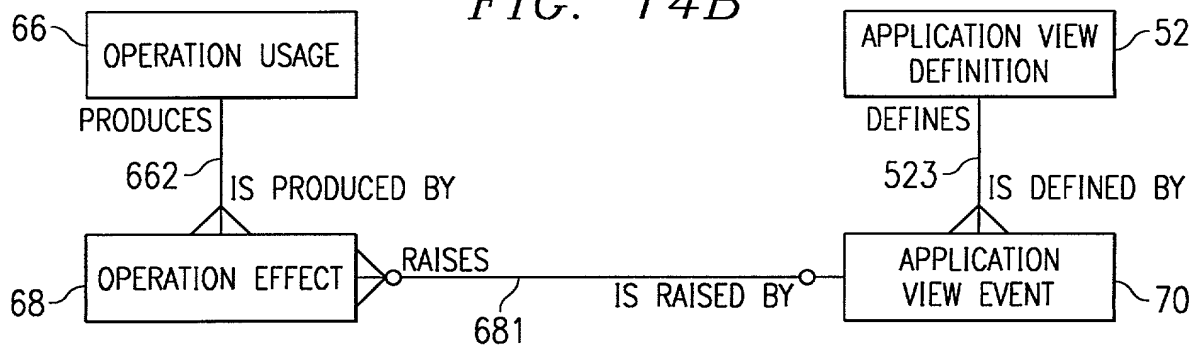


FIG. 15

EVENT EFFECT	POSITION ON	POSITION OFF	RESET	CLEAR	EXPAND	CONTRACT
INPUT	X	X				
LISTING	DEP	DEP	X*	X		
ADD ROW	DEP	DEP			X	
DELETE ROW	DEP	DEP		DEP		X
DETAIL	X	X				
UPDATE	DEP	X				
UNCLASSIFIED						

X: ALLOWED COMBINATION
 DEP: ALLOWED ON DEPENDENT APPLICATION VIEWS
 INPUT – ONLY USES INPUT VALUES
 UPDATE – INPUT ATTRIBUTE VIEW ANY CONTAIN USER SUPPLIED VALUES
 * IDENTIFIES SINGLE DEFAULT LISTING OPERATION

FIG. 16

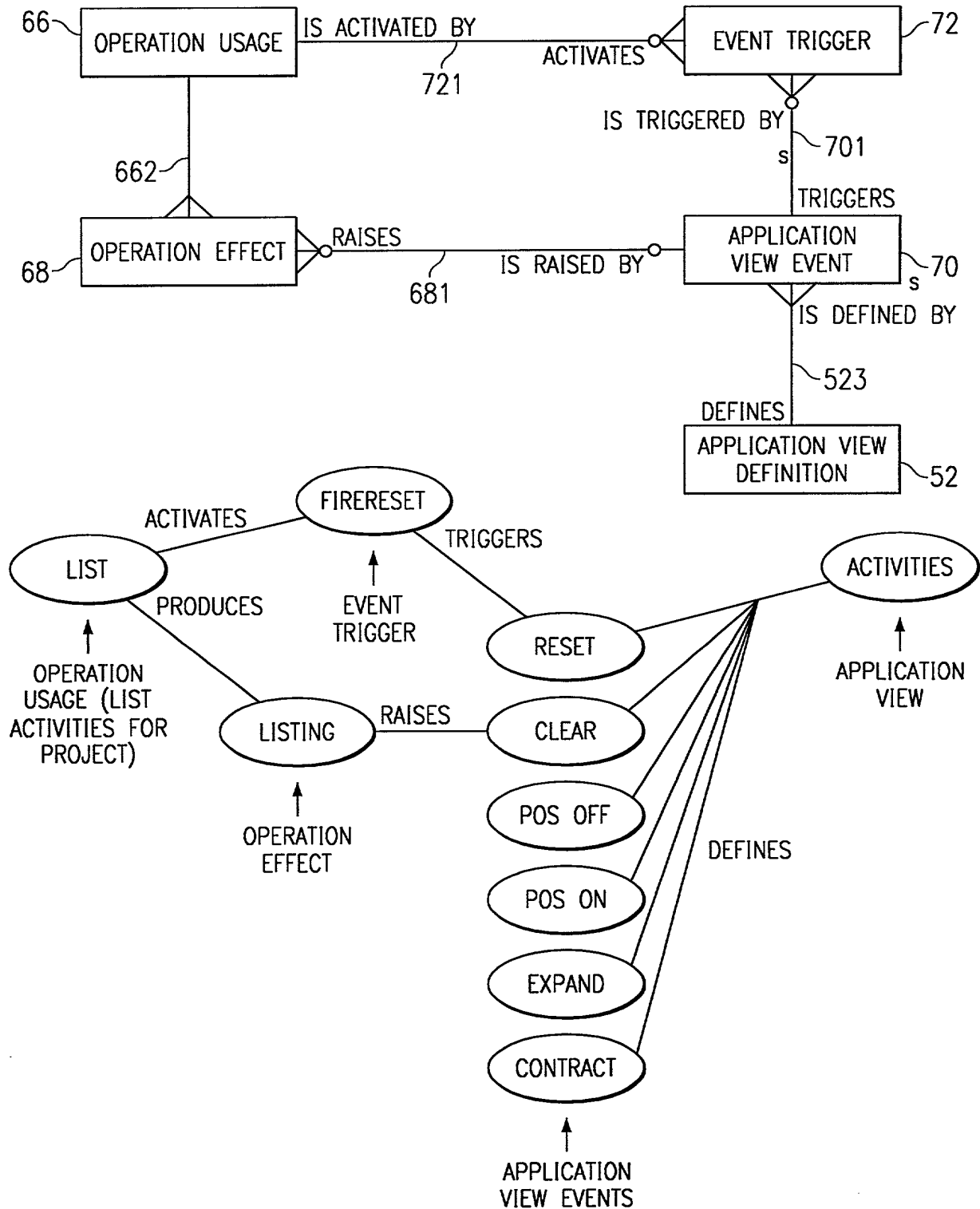


FIG. 17A

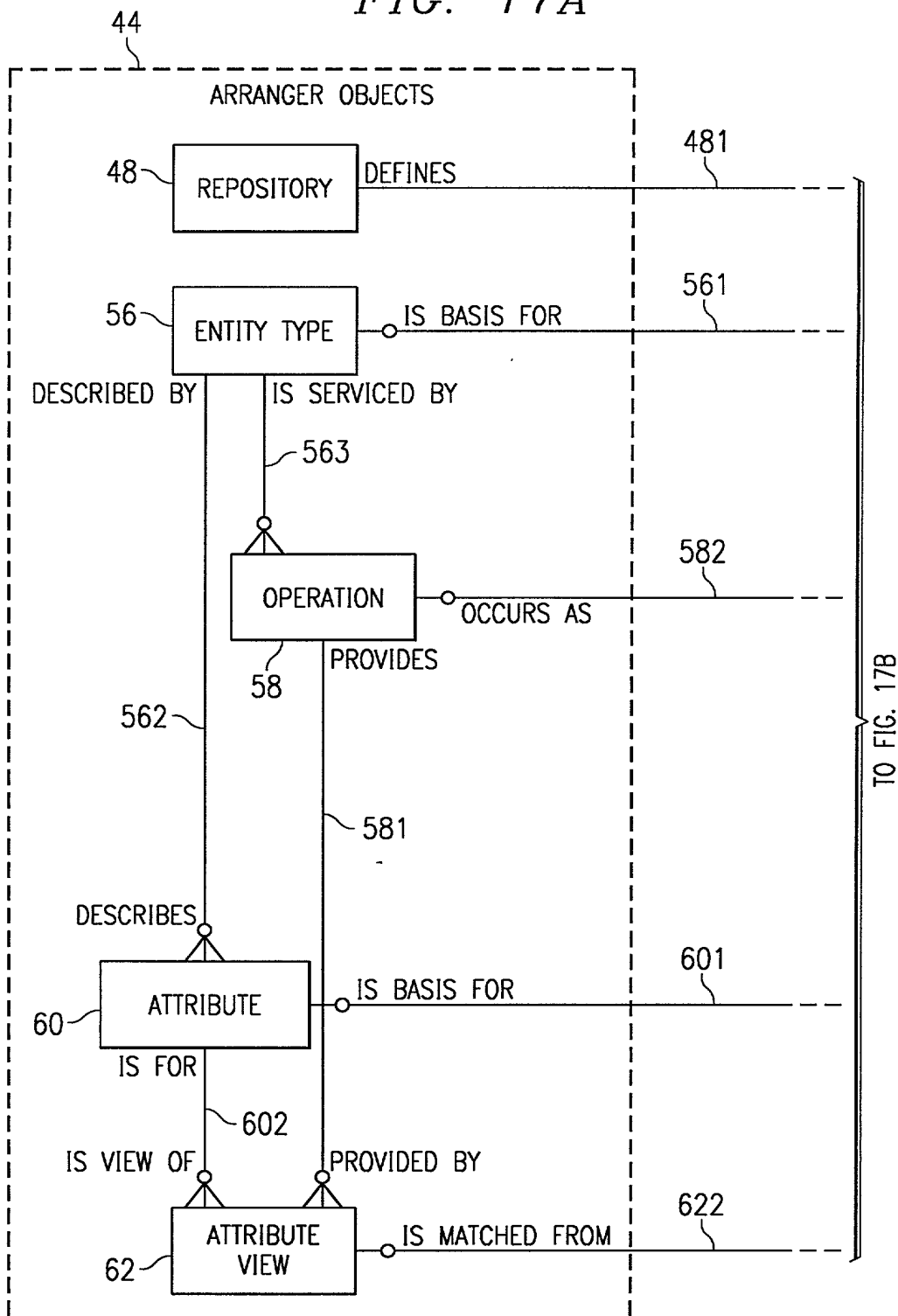


FIG. 17B

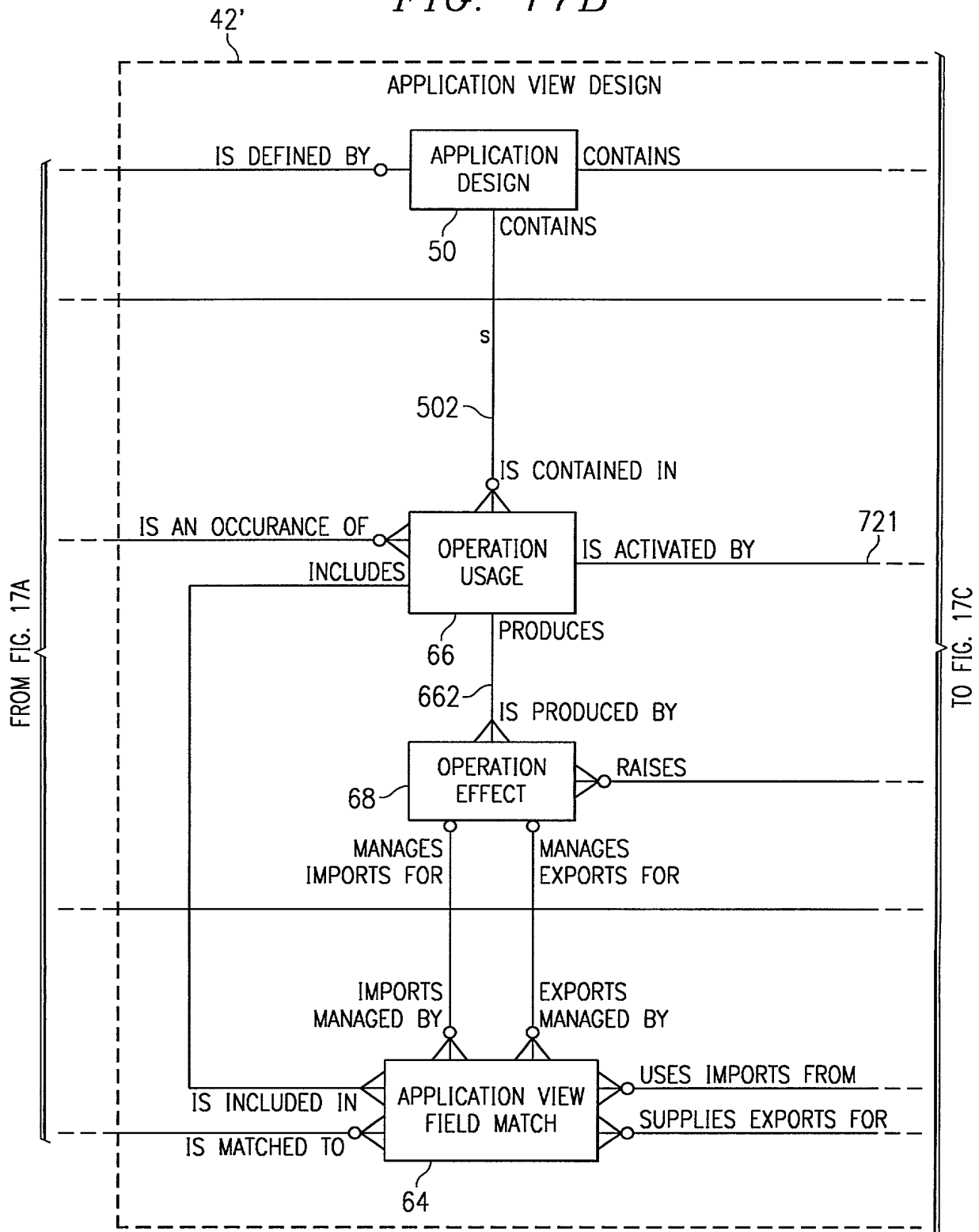


FIG. 17C

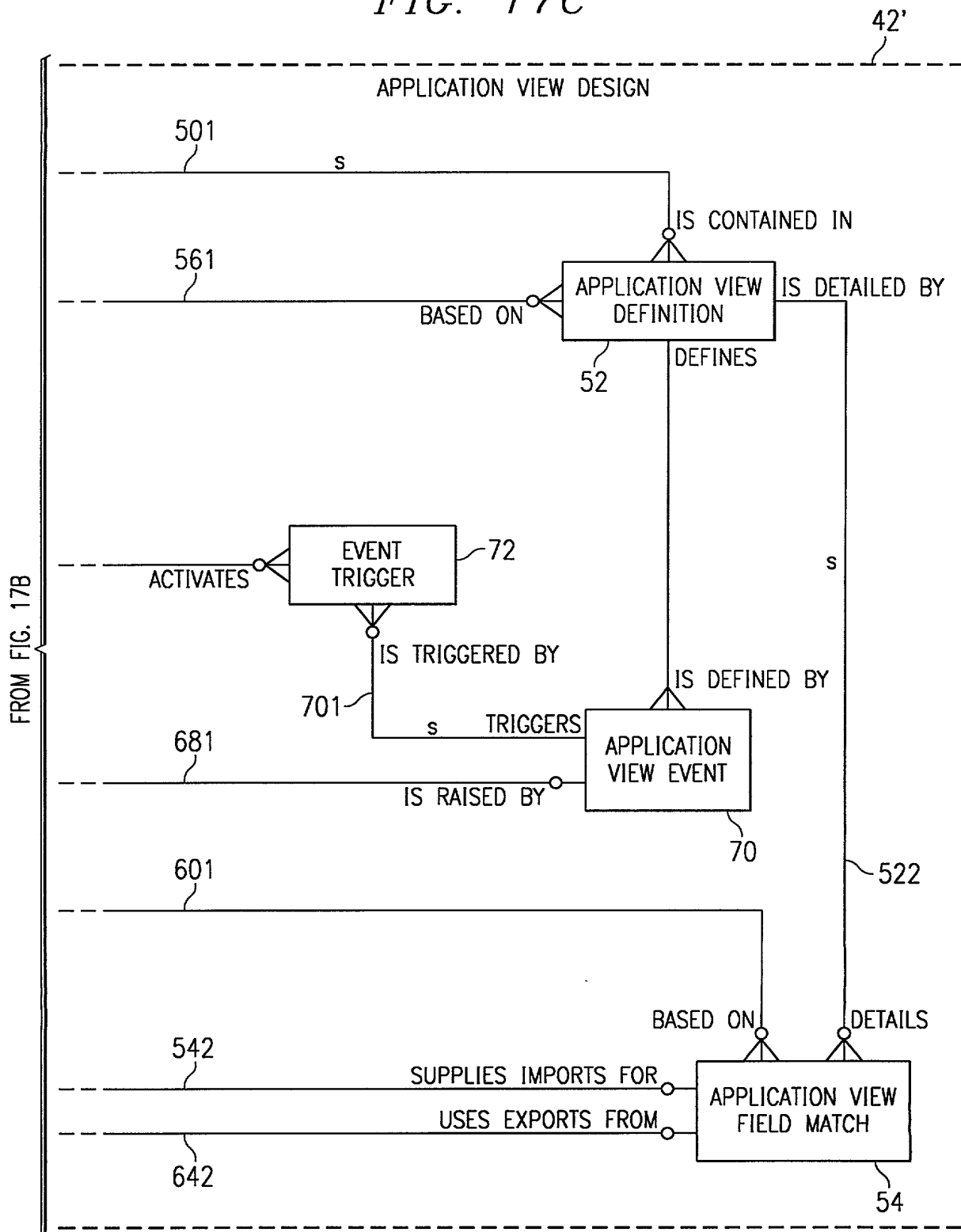


FIG. 18

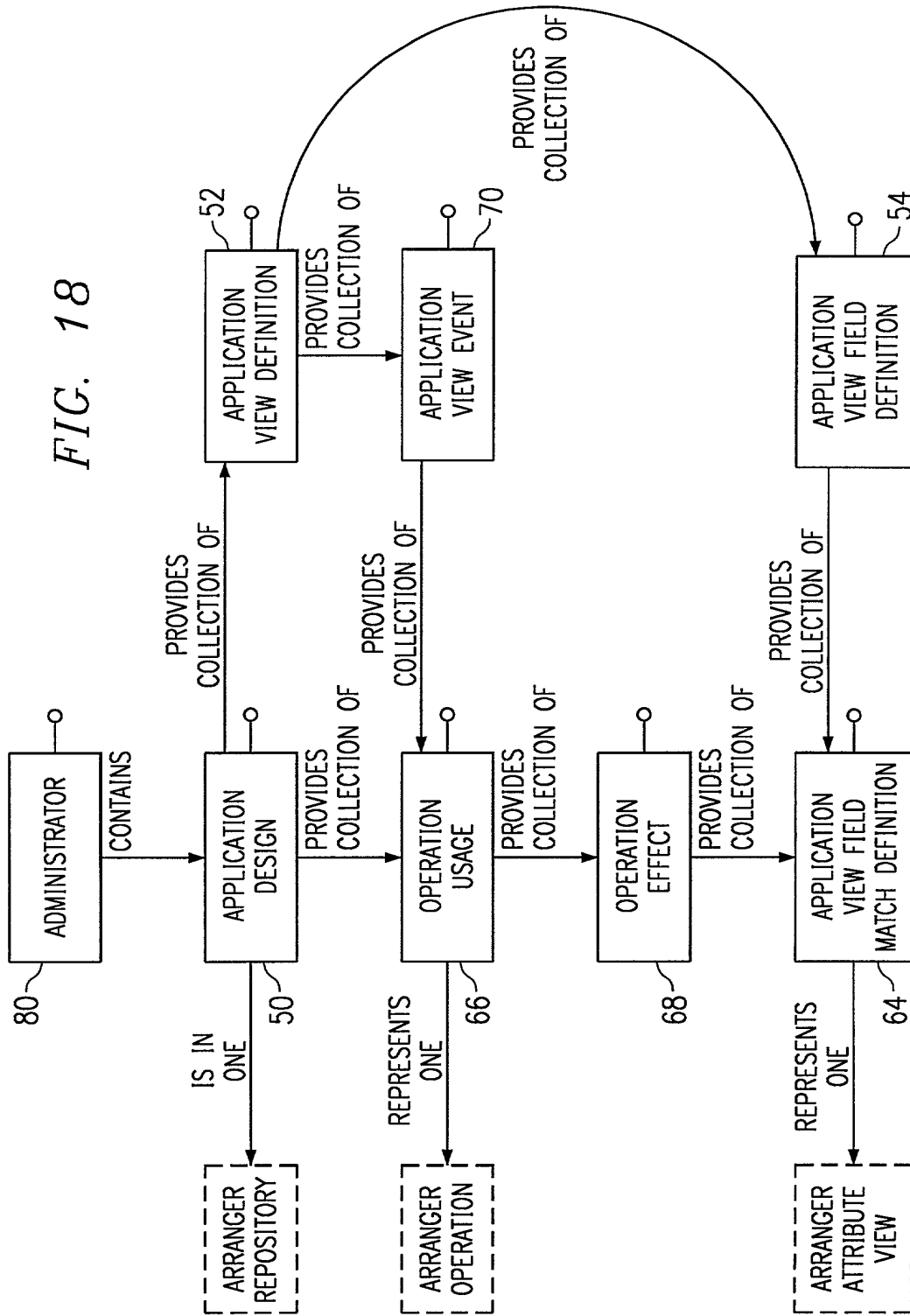


FIG. 19

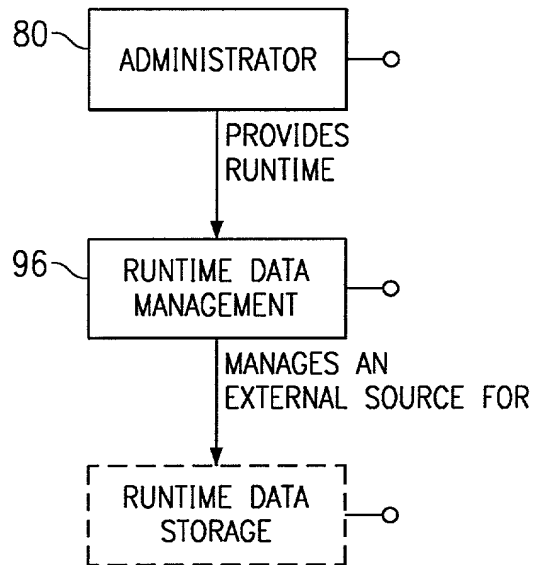


FIG. 20

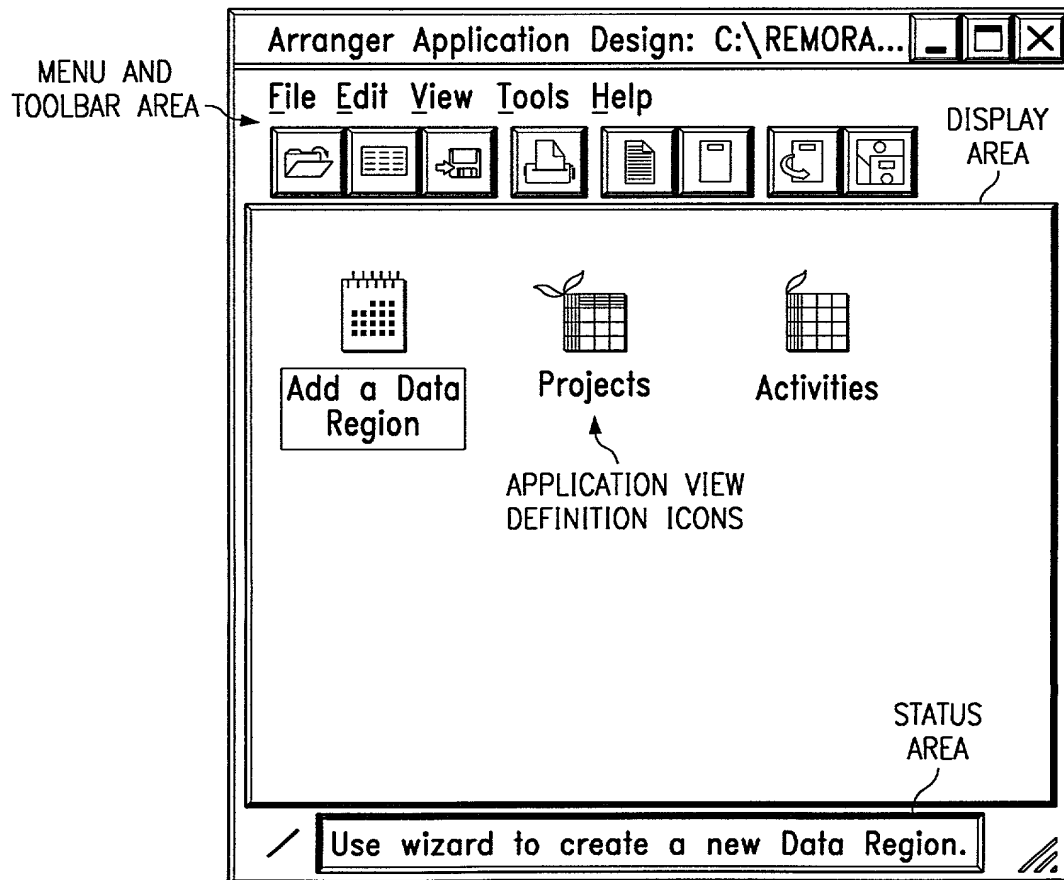


FIG. 21

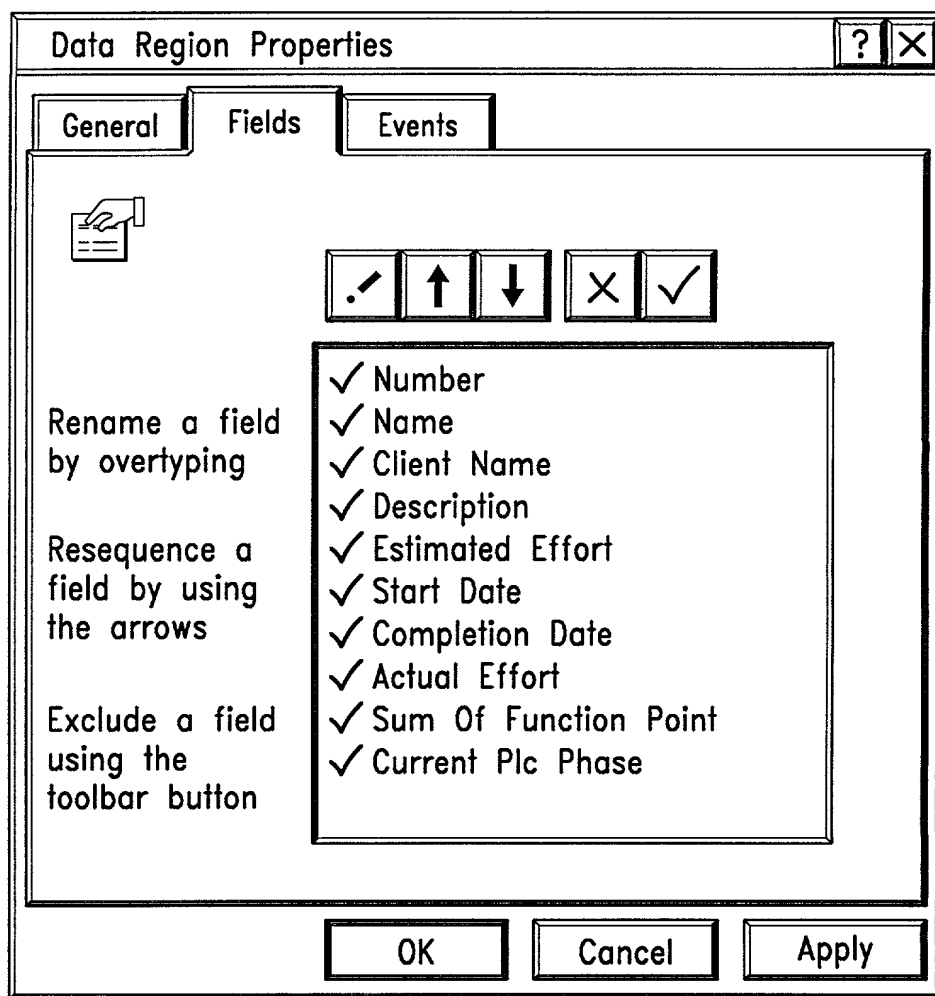


FIG. 22

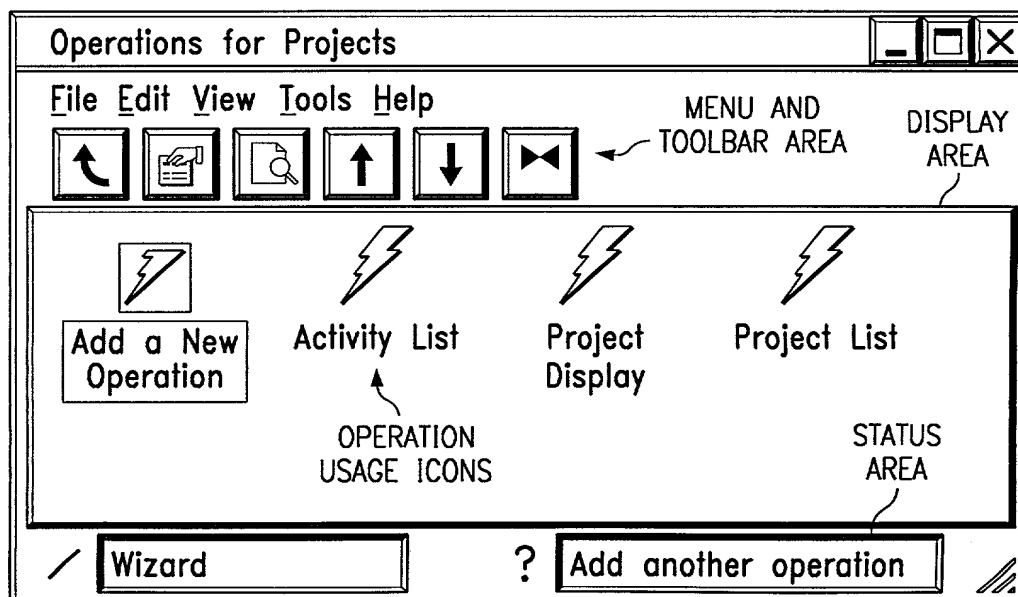


FIG. 23

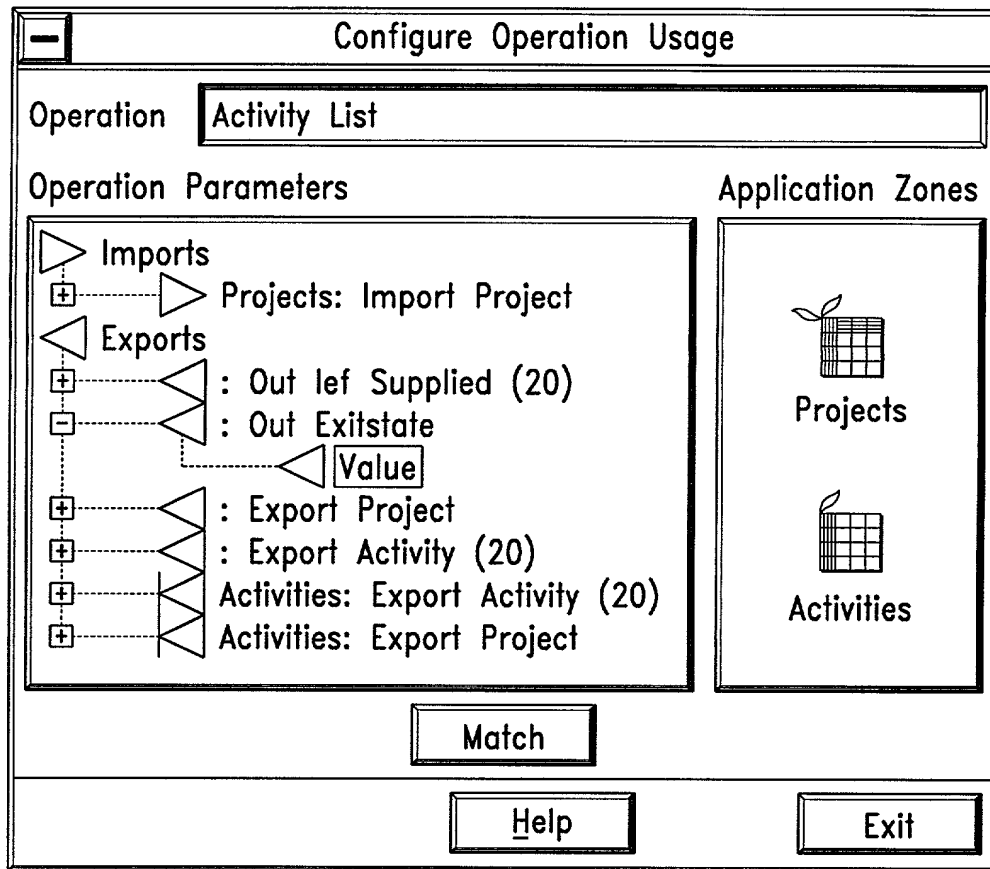


FIG. 25

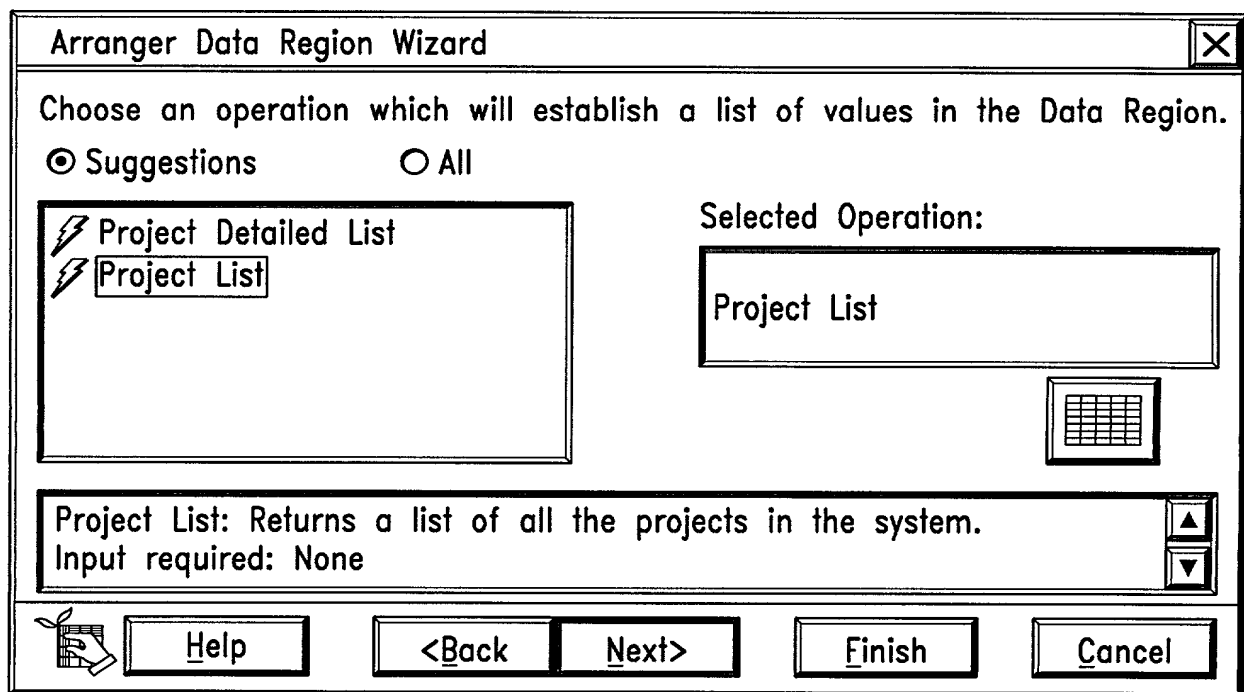


FIG. 24

FIG. 24

Arranger Data Region Wizard

Supply a name and description for the Data Region

Data Region Name: Project Data Region

Optionally choose a Business Object that the Data Region will represent.

☒ Suggestions ☐ All

- Activity
- Project
- Person

Description: I

Selected Business Object: Project

ICONIC REPRESENTATION OF THE CURRENT STATE OF THE APPLICATION VIEW

A large amount of work which is required to be completed by one or several people. It is uniquely identified by a project number and name, assigned on creation.

Help <Back Next> Finish Cancel

STEP-SPECIFIC INFORMATION AREA

CONTEXT SPECIFIC DESCRIPTION AREA

USER INTERFACE CONTROLS COMMON TO ALL STEPS

FIG. 26

Arranger Data Region Wizard

Select and include operations. Characterize their effect on rows in the Data Region by placing under the appropriate heading.

Candidate Operations:

- Project List Team Members
- Project Delete Team Member
- Project Update Team Member
- Project Update
- Project Display
- Project Add Team Member
- Project Add
- Project Delete

Selected Operations:

- Retrieves a row
- Updates a row
- Creates a row
- Removes a row

Buttons: Help, <Back, Next>, Finish, Cancel

FIG. 27

Arranger Data Region Wizard

More information is needed from other sources because:

- Import Person Id is required
- Import Person Name is required

Choose each unsatisfied item to detail where the information should come from.

For each selected information need source it from:

☐ existing Data Region ☒ new Data Region

Person Data Region

☐ leave unsatisfied


Project Add Team Member requires a source for Import Person Name

Buttons: Help, <Back, Next>, Finish, Cancel

FIG. 28

Arranger Data Region Wizard

More information is available to be mapped to other Data Regions:

☐ Project List Team Members can list Export
☐ Project List Team Members can list Export
 Project List Team Members can list Export

Choose each extra item to detail where the information should be mapped.

For each selected extra item map it to:

☐ existing Data Region ☒ new Data Region

Team Members Data Re

☐ leave unmapped

Project List Team Members can supply a list of Export Team Member from the group Out Team Member List to provide values in another Data Region


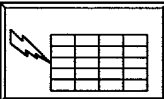
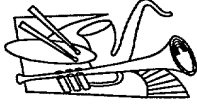


FIG. 30

Arranger Data Region Wizard

 You have successfully completed creating a Data Region called:
Project Data Region 

Unfinished Data Regions

☐ Team Members Data Region

You can select an unfinished Data Region from the list if you wish to work on that next.




FIG. 29

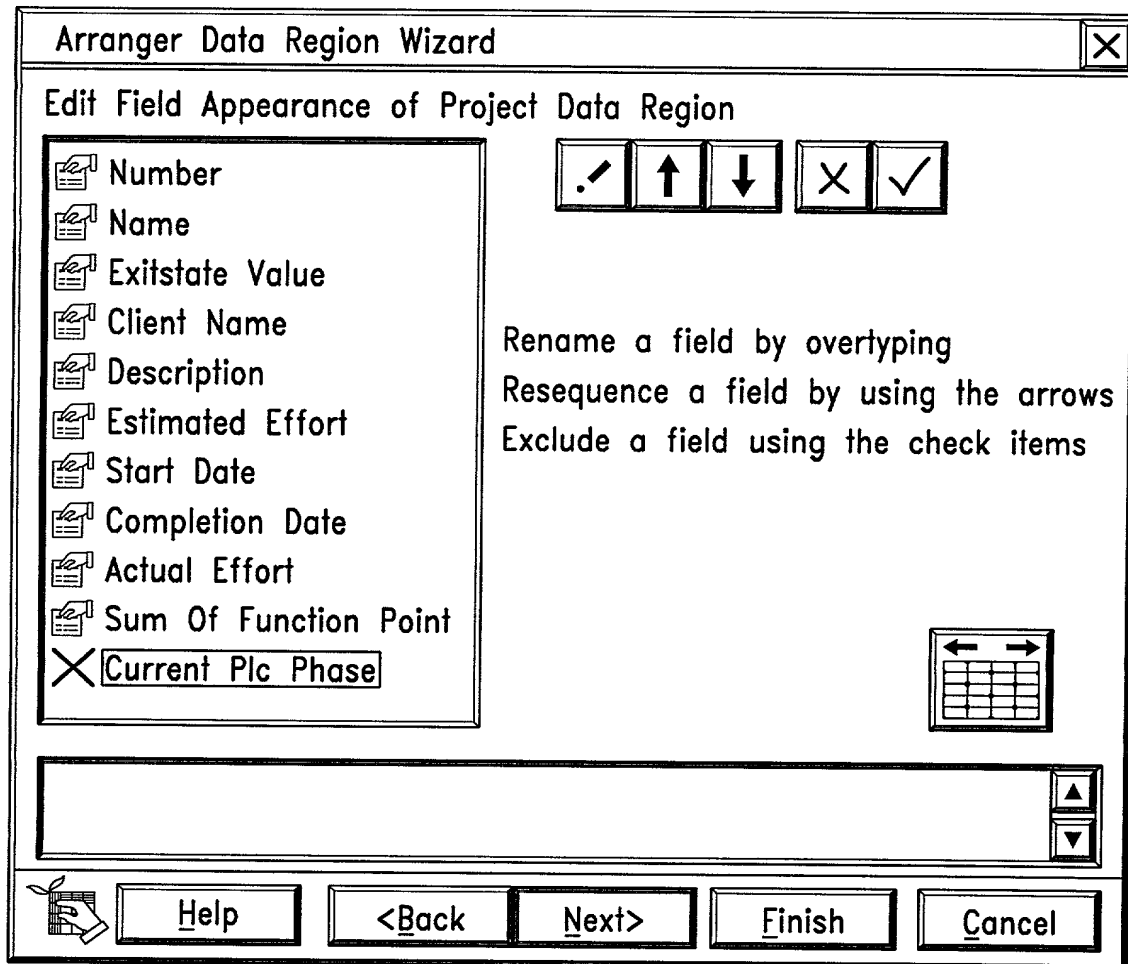


FIG. 31

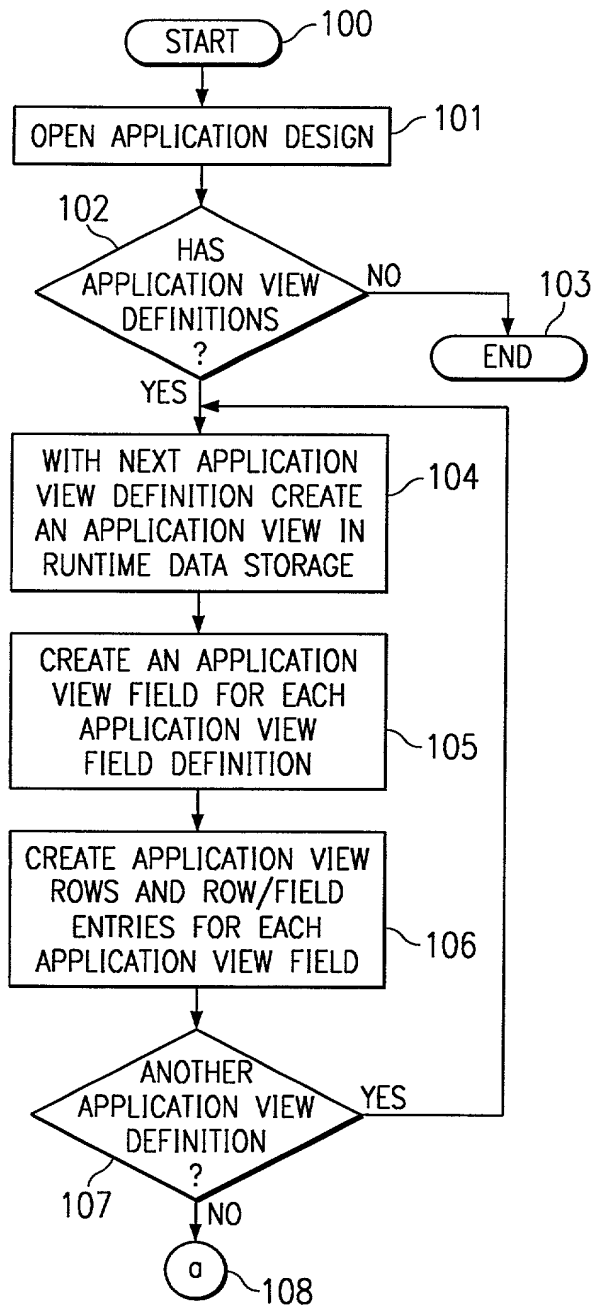


FIG. 32

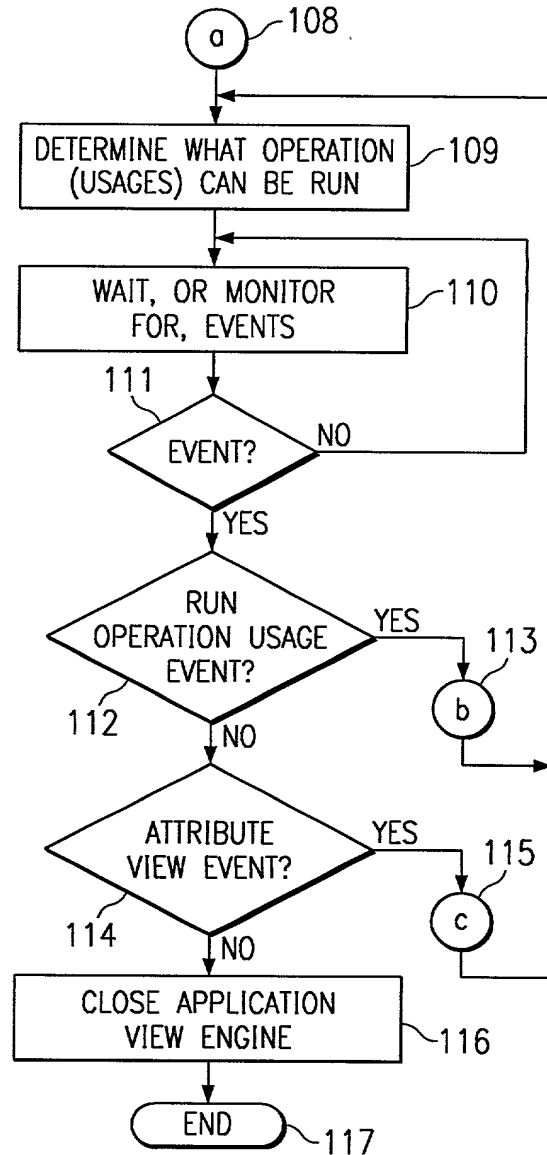


FIG. 33

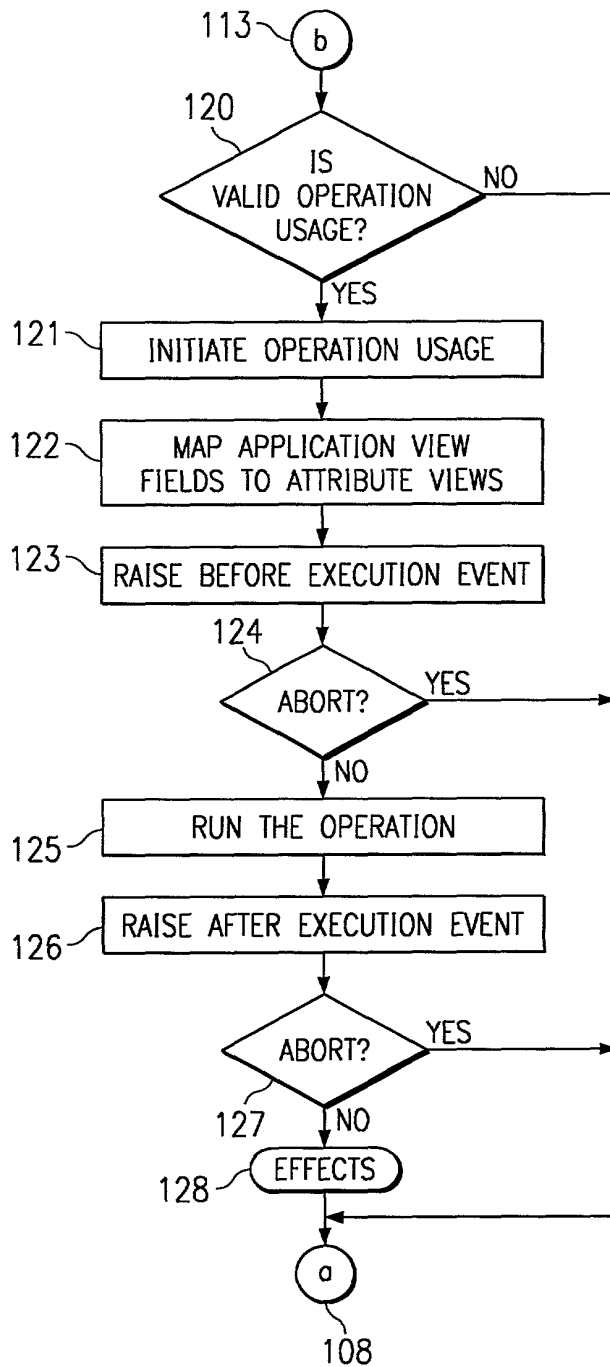
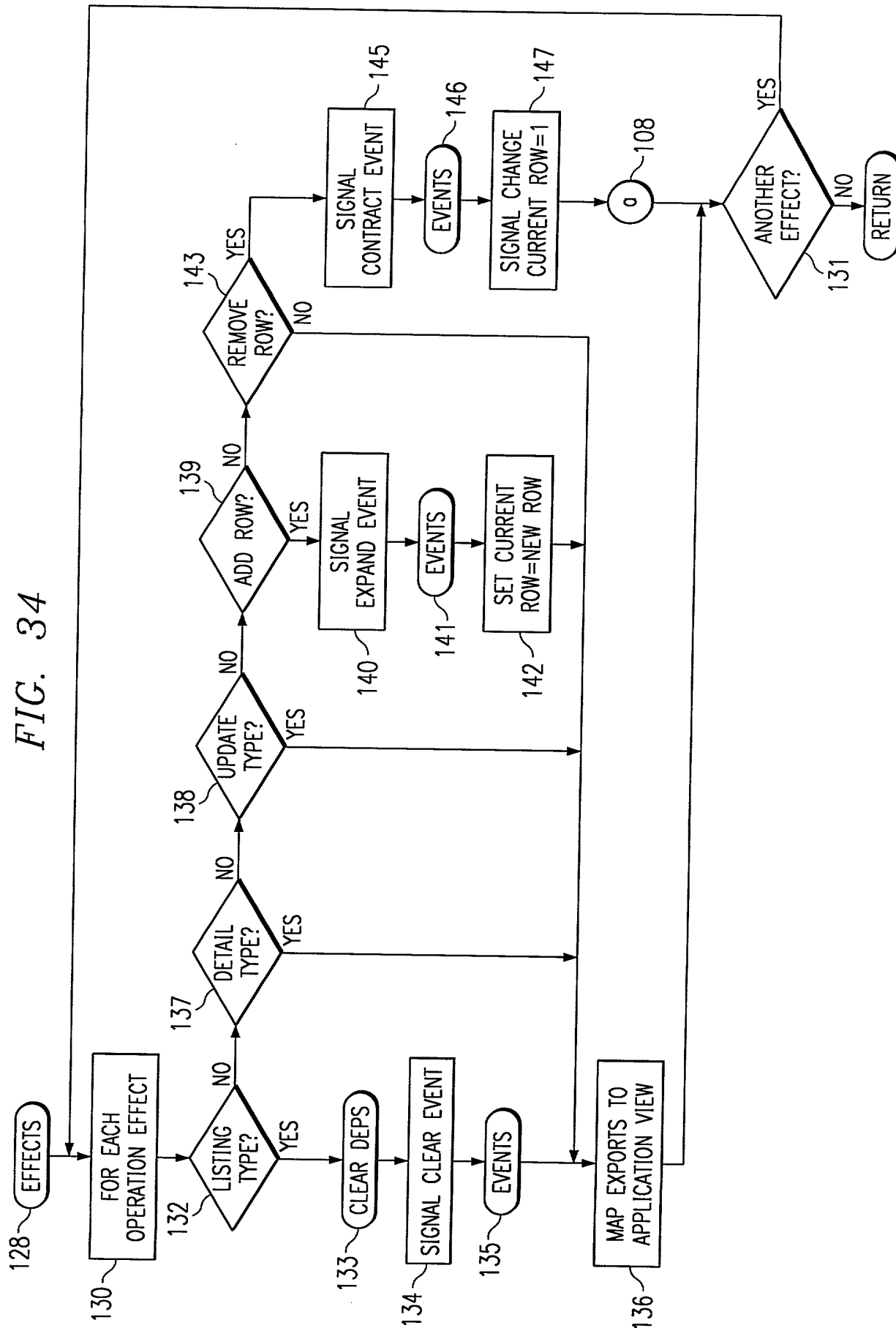


FIG. 34



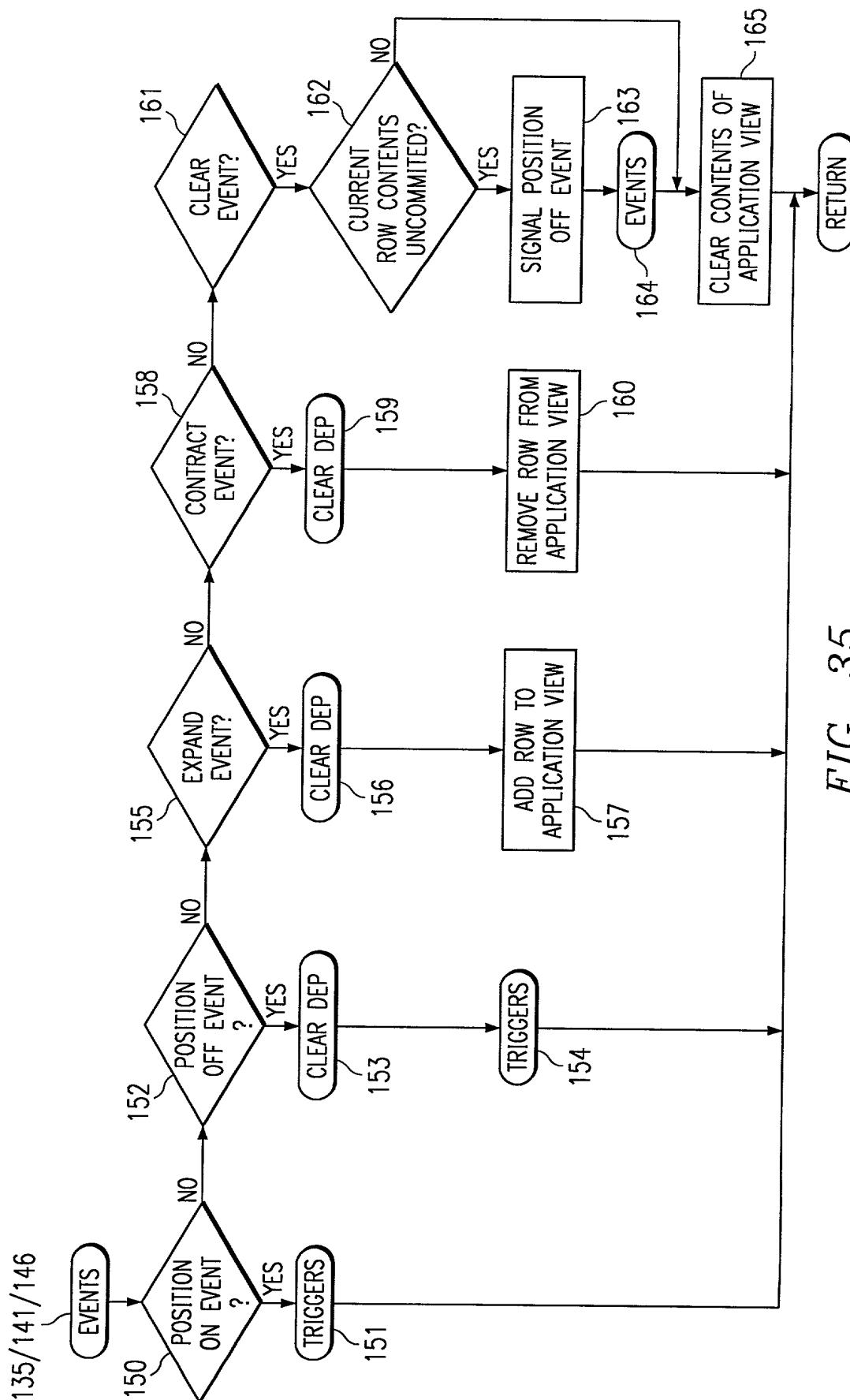
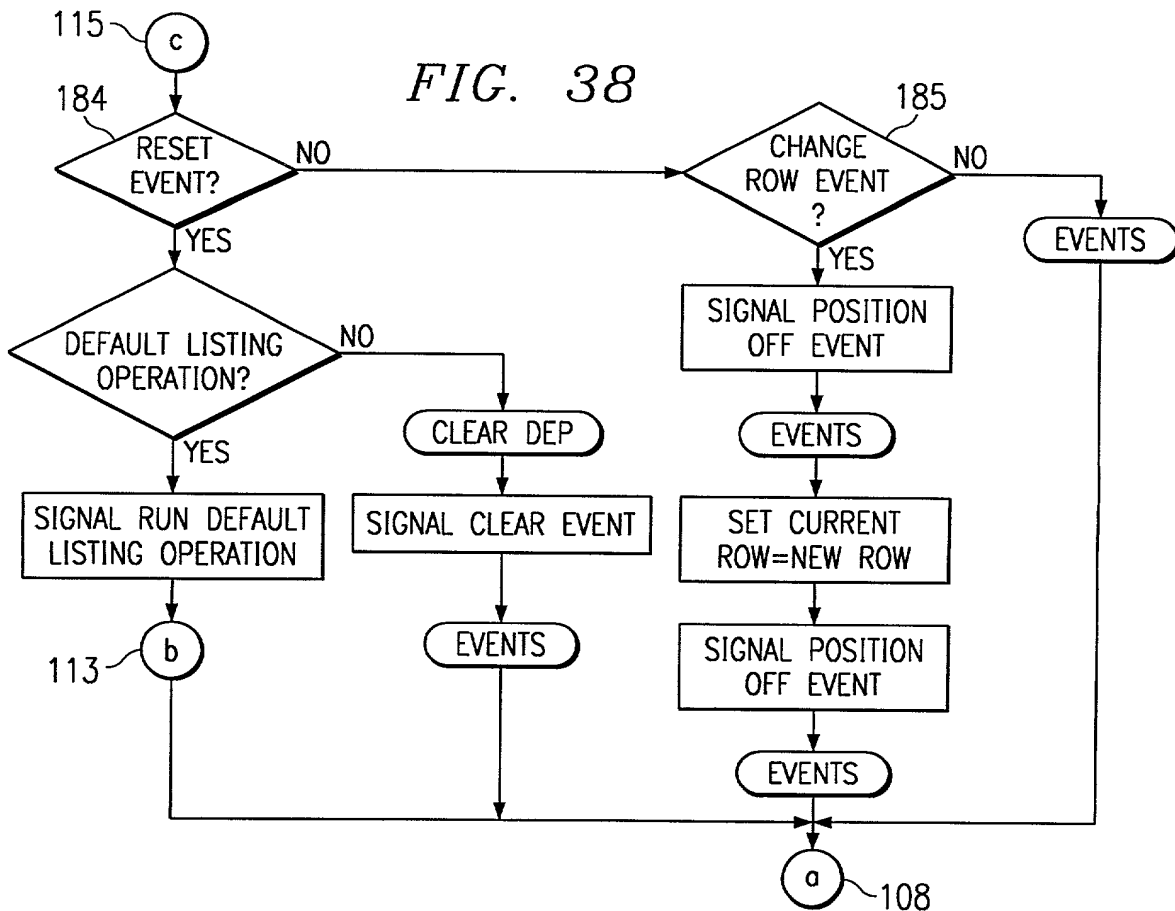
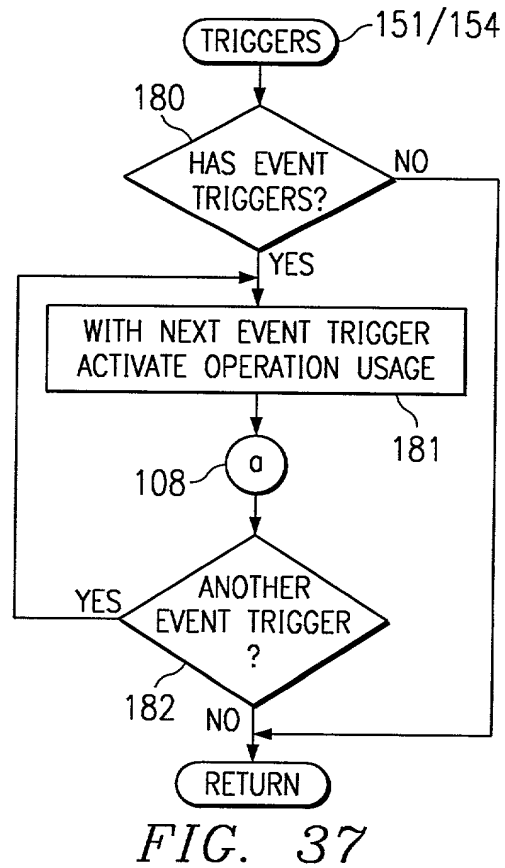
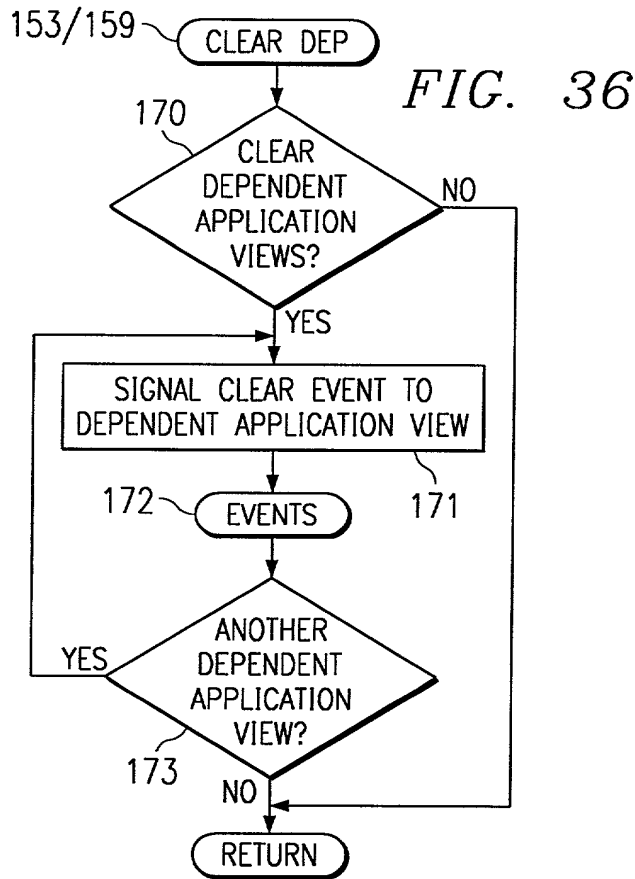


FIG. 35



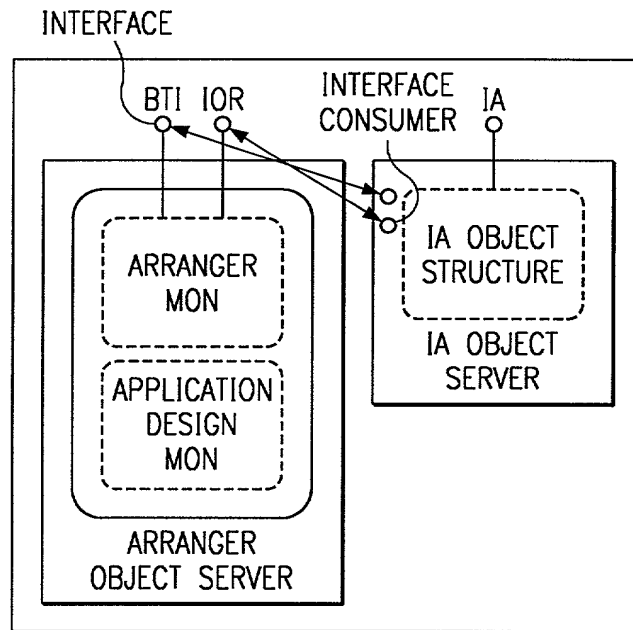


FIG. 39

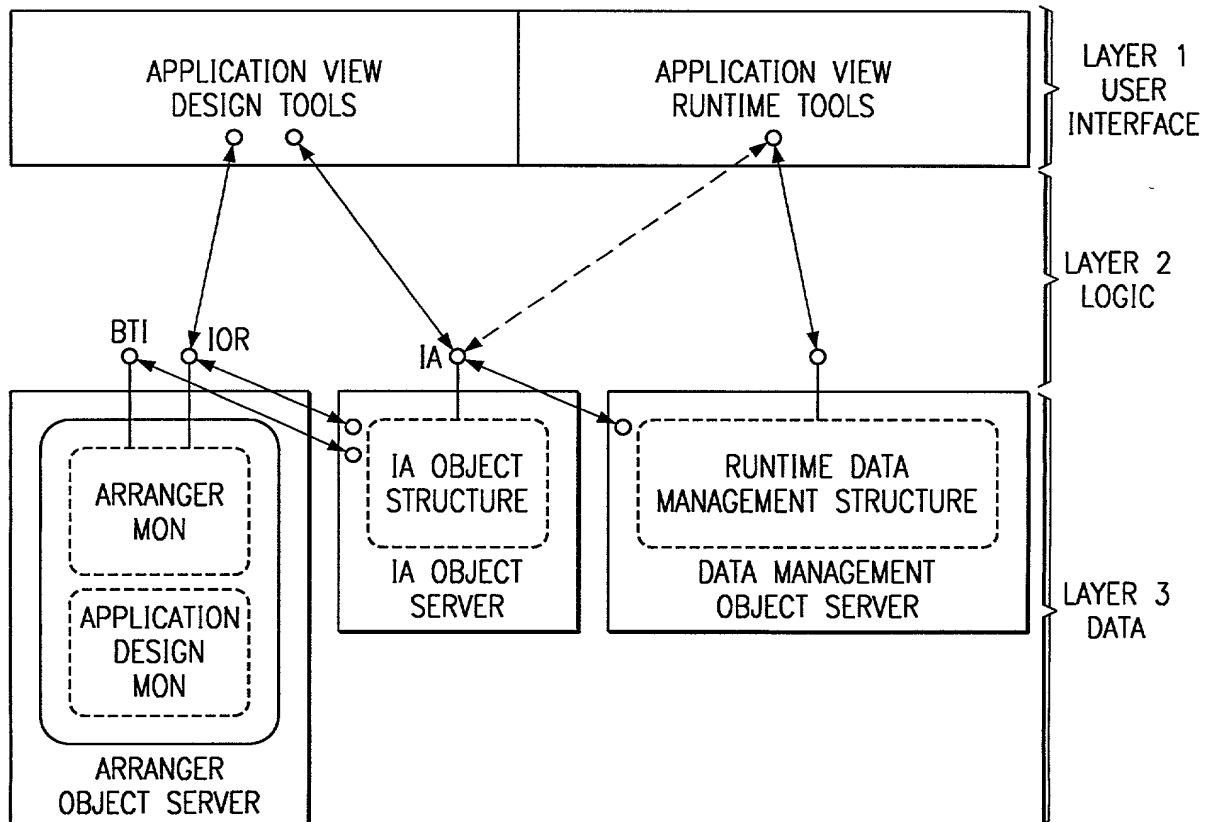
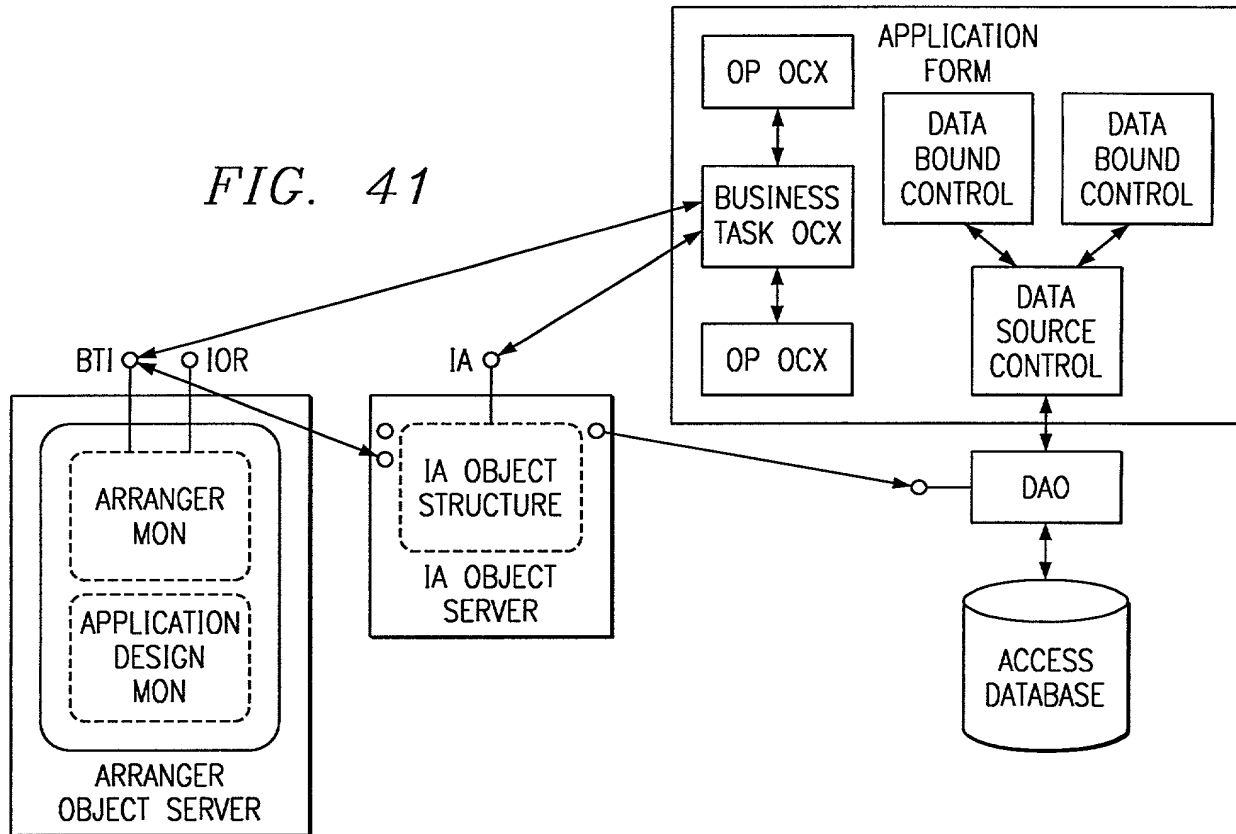


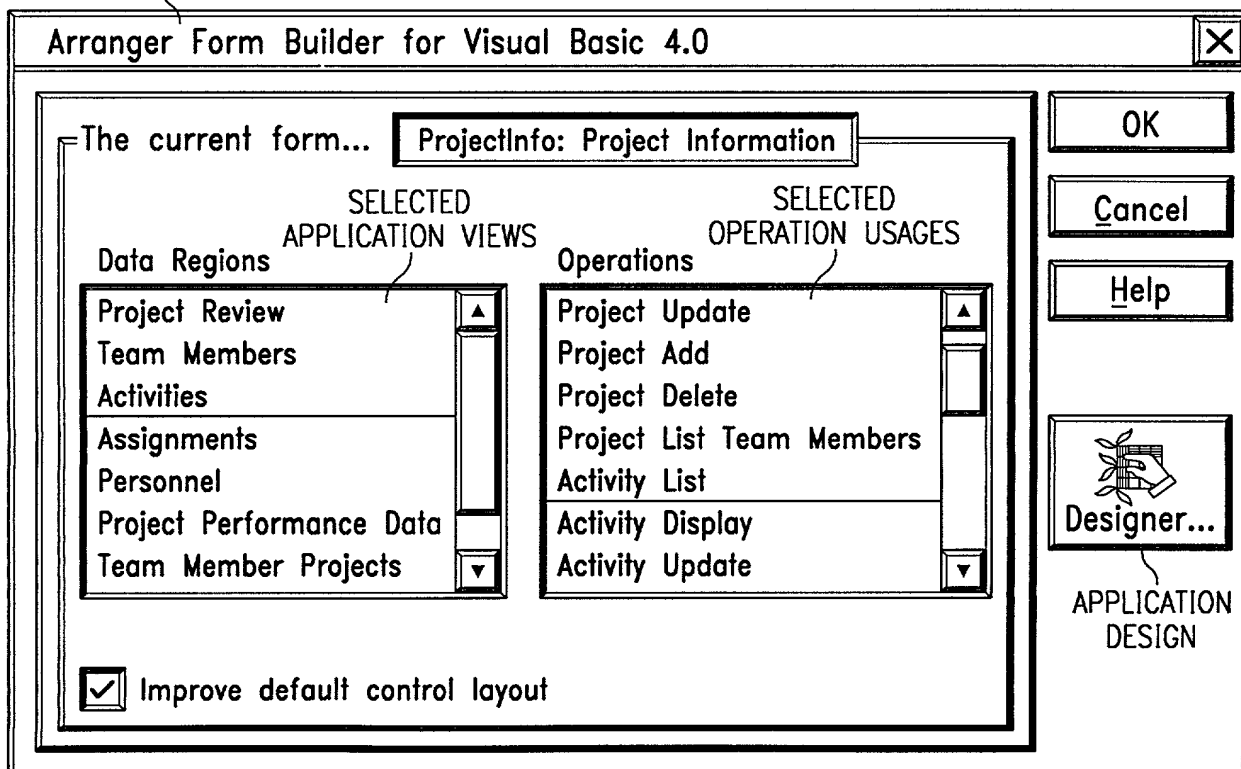
FIG. 40

FIG. 41

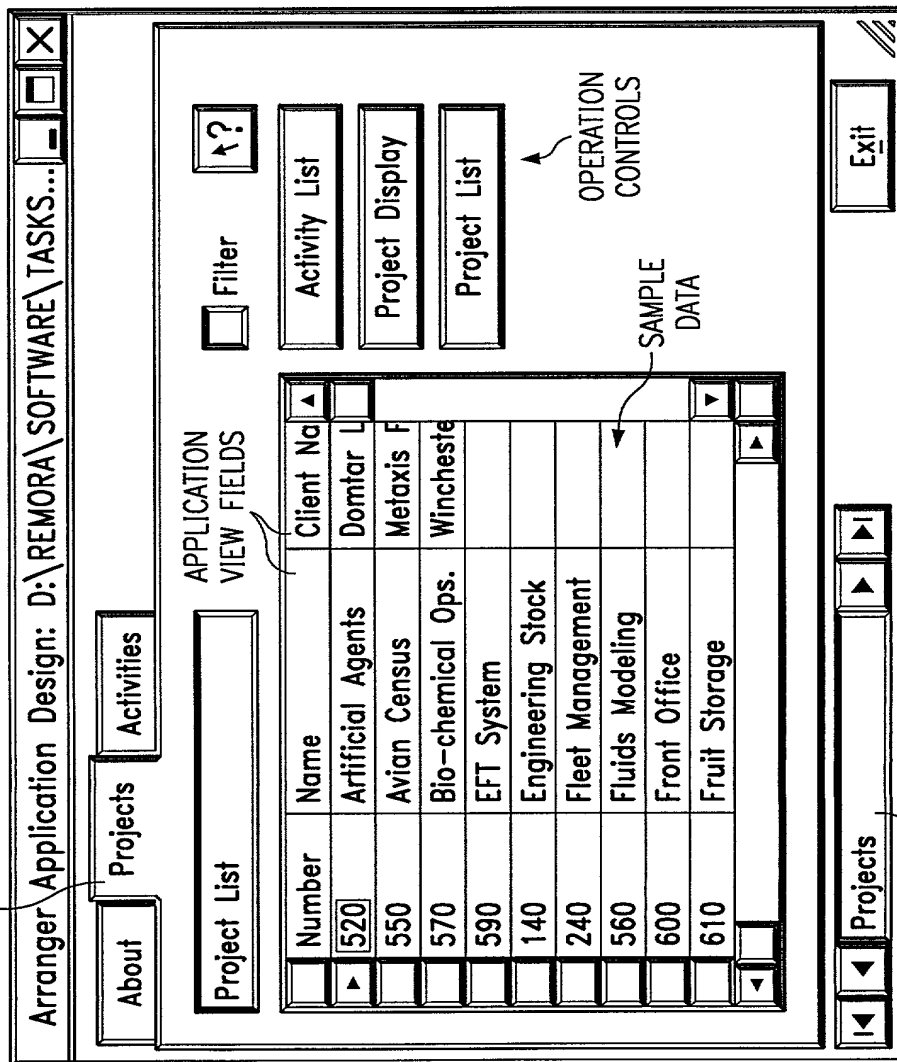


LAYOUT MANAGER WINDOW

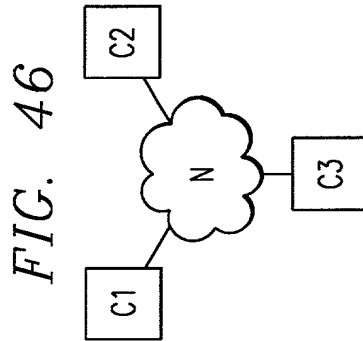
FIG. 43



'PROJECTS'
 APPLICATION VIEW
 FIG. 42



DATA SOURCE CONTROL
 REPRESENTING APPLICATION VIEW



USER FORM

Project Information

DBList1

Project

Number Text1

Client Text1

Estimated Effort Text1

Start Date Text1

End Date Text1

Description Text1

Activities

Team Members

Project Display

Project Update

Project Add

Project Delete

Team Members

Activities

List Projects

Projects Revi

Exit

USER ADDED CONTROL

USER ADDED CONTROL

DATA SOURCE CONTROL FOR APPLICATION VIEW

OPERATION CONTROLS

FIG. 44

